5 Centennial Drive, Peabody, MA 01960 (HQ)
Tel: 978.532.1900

January 8, 2019

Mr. Arn Franzen
Director of Parks
Office of Strategic Planning and Community Development
City Hall, 3rd Floor
93 Highland Avenue
Somerville, MA 02143

Re: **Environmental Site Assessment Data Transmittal and Letter Report**
Conway Park – Somerville, Massachusetts
Release tracking Number (RTN) 3-34868

Dear Mr. Franzen:

Weston & Sampson is pleased to submit this letter report summarizing the results of the most recent Environmental Site Assessment (ESA) for the Conway Park in Somerville, Massachusetts (the Site). This investigation was conducted due to the detection of polychlorinated biphenyls (PCBs) and lead in soil in a previous investigation. This letter provides a brief description of the Site; a summary of Site history, previous site investigations, release notification and details of a Site investigation conducted in July 2018.

In this letter we summarize the iterative testing performed to evaluate potential contaminants and subsequently the distribution of lead and PCBs, which were the primary contaminants-of-concern (COCs). Following detection of contaminants, the City immediately closed Conway Park to the public pending further investigation. The investigation focused on the playground area initially and subsequently on the ballfield area. The City worked with the Environmental Protection Agency (EPA) and Massachusetts Department of Environmental Protection (MassDEP) on this issue and opened the northwestern portion of the playground on October 31, 2018.

Site Description

The Site is an approximately 2.8-acre City-owned park located at 550 Somerville Avenue in Somerville. Figure 1 – Locus Map shows the Site and surrounding area of Somerville. As shown in Figure 2 – Site Plan, the northern portion of the Site abuts Somerville Avenue and is developed as a playground (the Playground), and the remainder of the Site south of the Playground, is developed as ballfields (the Ballfield). The Playground includes a mulched area with a playset; hardscape that includes a concrete sitting area, path and circular splash pad; grassy areas surrounding the splash pad; and a small concession stand that straddles the western property line (see Figure 3). The Ballfield comprises the remainder of the Site and includes two baseball diamonds, one at the northeast corner and one at the southwest corner. The majority of the remainder of the Ballfield is grassy with trees lining the eastern and western property lines. A fence surrounds both the Ballfield and Playground, and separates the two areas.

The topography of the Site is generally flat within the perimeter fence, with a gentle slope to the south, toward the adjacent Fitchburg Main Line railroad right-of-way (FML). The FML is an active commuter rail line managed by the Massachusetts Bay Transportation Authority (MBTA). Outside the perimeter fence to the south, the Site is steeply sloped toward the FML, which is several feet lower than the Site in elevation. The Site is higher in elevation than properties located immediately to the east, and the grade change is achieved by use of a poured-in-place concrete retaining wall.

Site History

Weston & Sampson reviewed available Site history documents to attempt to understand the source of lead and PCBs at Conway Park. According to a March 2000 report titled Historical Report of Conway Park (the Historical Report), a bleachery/dye works occupied at least some portion of Conway Park as early as 1801. Historical Sanborn® Fire Insurance maps indicate the Site was occupied by the Middlesex Bleachery and Dye Works in 1888

and the K.M. Gilmore and Co. Bleach, Dye and Print Works in 1900 and 1934. The extent of the former bleachery stretched beyond the bounds of the Site to the property immediately west of the Site, now developed as the Veterans Memorial Ice Rink. Numerous buildings with varied uses were located on-Site during this period, and a rail spur connected the Site to the FML. The Historical Report indicates that the primary industrial use at the bleachery slowly shifted from bleachery and dye works to textile printing into the early 20th Century, and ultimately the facility closed sometime between 1931 and 1934. The bleachery buildings were demolished sometime between 1938 and 1943.

Later Sanborn® maps from 1950 to 1991 depict the Site as vacant land. A playground is labeled in the 1989 and 1991 maps in the area immediately west of the Playground, north of the Veteran's Memorial Rink. Residences appear adjacent to the southeast of the Site in Sanborn® maps from 1888 to present day, with some retail shops appearing sporadically in the maps. Residences started appearing north of the Site (across Somerville Ave) as early as 1900.

The Historical Report, supported by newspaper clippings dated 1943, indicates that the Site has remained a park since the early- to mid-20th Century. Historical aerial photos of the Site show major reconfigurations between 1969 and 1970 (Veteran's Memorial Rink built adjacent to Site), between 1970 and 1978 (baseball diamonds constructed in northwest and southeast corners of the Ballfield), and between 1995 and 2008 (baseball diamonds constructed in northeast and southwest corners of the Ballfield). The current configuration of the Site, both the Playground and the Ballfield, has been unchanged since the last major renovation in 1999 to 2001. The grade of the southern portion of the Site was raised sometime between the demolition of the bleachery buildings (late 1930s to early 1940s) and the current configuration of the Ballfield. It is not possible to further narrow the timeline of emplacement of fill at the Site with certainty from the public historical record; however, based its location close to the FML right-of-way, it is likely that the elevation of southern portion of the Site was raised prior to the construction of the southeast baseball diamond (present from 1970 to 1978).

Previous Investigations

Initial Environmental Site Assessment - October/November 2017

Weston & Sampson conducted an initial investigation of the Ballfield in October and November of 2017 as part of planning for a retaining wall project in the southeastern corner of the Site and in advance of park redesign. The October/November 2017 subsurface investigation included the advancement of eight (8) soil borings using direct-push technology (P-1 through P-8), eight (8) soil borings using hollow-stem auger methods (WSE-1 through WSE-8; geotechnical investigation), and the excavation of two test pits (TP-1 and TP-2). The initial investigation identified concentrations of polycyclic aromatic hydrocarbons (PAHs) equal to or above MassDEP Reportable Concentrations (RCs) for S-1 soil (RCS-1) thresholds in 11 of 21 samples submitted for laboratory analysis. Additionally, one sample (Disposal Characterization), collected as a composite of three approximately 20-foot soil borings, proximate to the retaining wall in the southeast corner of the Ballfield, contained a concentration of PCBs above the RCS-1. The data from this initial investigation are summarized in Tables 1 and 2. Sample locations are shown in Figure 2.

Supplemental Environmental Site Assessment - March 2018

Following the detection of Reportable Concentrations of contaminants, including PCBs, at the Site, Weston & Sampson conducted a supplemental investigation in March 2018. The purpose of supplemental investigation was to further examine the nature and extent of lead and PCBs across the Site, and to determine if impacts to soil existed within the Playground, which was not considered in the October/November 2017 investigation.

On March 7, 2018, Weston & Sampson oversaw the advancement of fourteen (14) soil borings at the Site: two within the Playground and twelve within the Ballfield. Soil borings were advanced using direct-push technology to depths of approximately 15 feet below ground surface (bgs). Four of the 14 borings, one in each corner of the Site, were completed as groundwater monitoring wells.

Lead in soil was detected in all 28 samples submitted for laboratory analysis. Lead concentrations ranged from 2.5 milligrams per kilogram (mg/kg) to 960 mg/kg, with seven of the samples exceeding the MCP Method 1 Cleanup Standard of 200 mg/kg and 21 of the samples below the standard.

PCBs were detected in seven of the eight locations sampled, including one sample collected from 0 to 3 feet bgs within the Playground. Seven of the samples analyzed contained PCB concentrations in excess of the Method 1 Cleanup Standard, ranging from 2.7 mg/kg up to 5,900 mg/kg. The results of the March 7, 2018 investigation are summarized in Tables 3A and 3B. Sample locations are shown in Figure 2.

Because PCBs and lead were detected at high concentrations in the 0- to 3-foot bgs depth interval, Weston & Sampson remobilized to the Site on March 26, 2018, to determine if high concentrations of PCBs existed in the surficial, 0- to 1-foot depth interval. This surficial soil sampling included twenty-one (21) soil borings, advanced using a stainless-steel hand auger to a depth of approximately 1-foot bgs. Of the 21 soil borings, eight were located within the Playground and thirteen were located within the Ballfield. One sample was collected from each of the 21 soil borings from the 0- to 1-foot bgs depth interval. In the case of the Playground, three surficial samples were not analyzed for lead because the 0- to 1-foot bgs depth interval was not soil, but bark mulch.

Lead was detected in all five of the soil samples submitted from within the Playground. The detected concentrations of lead ranged from 60 mg/kg to 160 mg/kg. PCBs were detected in five of the eight samples submitted for analysis, including two concentrations in excess of the Method 1 Cleanup Standard (1 mg/kg).

Within the Ballfield, lead was detected in all thirteen of the soil samples submitted for analysis. The detected concentrations ranged from 3.8 mg/kg to 160 mg/kg. PCBs were detected in eleven of the thirteen samples submitted for analysis from within the Ballfield. Nine of the detections were in excess of the Method 1 Cleanup Standard, ranging from 2.8 mg/kg to 14 mg/kg. The results of the March 26, 2018, subsurface investigation are summarized in Tables 4A and 4B. Sample locations are shown in Figure 2.

On March 15, 2018, Weston & Sampson collected groundwater samples from four (4) on-site monitoring wells. The samples were collected in accordance with EPA low flow guidelines and analyzed for dissolved MCP 14 metals (antimony, arsenic, barium, beryllium, cadmium, chromium, lead, mercury, nickel, selenium, silver, thallium, vanadium, and zinc), extractable petroleum hydrocarbons (EPH), and volatile organic compounds (VOCs). Samples were placed in new, laboratory-prepared bottles and submitted to Con-Test for analysis. Groundwater samples collected showed that contaminant concentrations were either not detectable or detected below the applicable groundwater standards. A summary of the groundwater analytical results is included in Table 5.

Once PCBs were detected in the playground area, the City immediately fenced the playground and closed access to the whole Site. Following the March 26, 2018, shallow soil sampling, Weston & Sampson performed an Imminent Hazard Evaluation using the results of the surficial soil sampling and concluded that an Imminent Hazard did not exist at the Site; however, out of an abundance of caution, recommended to the City that both the Playground and Ballfield remain closed and restricted from access until discussions with regulatory agencies.

Release Notification and Discussions with Regulatory Agencies

The detection of PCBs and lead was reported to MassDEP on March 29, 2018. The Site is now managed under the Massachusetts Contingency Plan (MCP), 310 CMR 40.0000, and is tracked under Release Tracking Number (RTN) 3-34868. Weston & Sampson also notified the EPA Region 1 PCB Coordinator, Ms. Kim Tisa. Based on the data collected, the Site is regulated under both the MCP and EPA's Toxic Substances Control Act (TSCA). Weston & Sampson, together with the City, presented the findings of the initial assessment at a public meeting on March 29, 2018.

On June 11, 2018, Weston & Sampson met on-Site with the City and representatives from MassDEP and EPA to discuss additional assessment. The assessment process that followed was based on discussions with MassDEP and EPA.

Environmental Site Assessment – July 2018

Weston & Sampson performed an Environmental Site Assessment in July 2018 to further assess the nature and extent of PCBs and lead throughout the Site. The assessment included the advancement of ninety-one (91) additional soil borings, including 17 within the Playground and 74 within the Ballfield, as well as the collection and

analysis of seven hundred three (703) soil samples and seven (7) concrete samples. Sample locations are shown in Figure 2. A figure showing the different surface finishes in Playground is included as Figure 3.

Soil Boring Advancement and Sample Collection

Soil borings were advanced using direct-push technology to depths of approximately 3.5 to 17.5 feet bgs, with each boring reaching bottom of the fill material. Borings were located in an approximately 50-foot grid across the Site, with a higher resolution, 25-foot grid within the two baseball diamonds, and a 10-foot grid surrounding B-105, where PCBs were detected at a concentration of 5,900 mg/kg. Based on conversations with Ms. Kim Tisa of EPA and Mr. Steve Johnson of MassDEP, samples were collected from each boring at the following depth intervals: 0-½ feet, ½ - 1.5 feet, 1.5 – 2.5 feet, 2.5 – 3.5 feet. If native material was not encountered at 3.5 feet bgs, sample collection continued in 2-foot increments until native material was encountered (i.e., 3.5 – 5.5 feet, 5.5 – 7.5 feet, etc.). Decontamination procedures using a triple-wash of Alconox, hexane, and deionized water were conducted after the advancement of each section of 5-foot tooling.

Samples were placed in new, laboratory-prepared bottles and submitted to Con-Test for analysis. All 68 samples collected from within the Playground were analyzed for PCBs using Soxhlet extraction, and lead. In the ballfield, all 635 samples collected were analyzed for PCBs using Soxhlet extraction, and 351 of those samples were analyzed for lead.

Concrete Sample Collection

Concrete samples were collected in accordance with EPA's Standard Operating Procedure for Sampling Porous Surfaces for PCBs within the Playground. The concrete sample were placed in new, laboratory-prepared bottles, and submitted to Con-Test for analysis of PCBs using Soxhlet extraction.

PCBs were not detected in the concrete samples collected during the July 2018 investigation. A summary of the concrete analytical results is provided as Table 6.

Environmental Assessment Results

Playground

Laboratory analytical results from the July 2018 investigation show PCB concentrations in soil above the laboratory reporting limit at 11 of the 17 soil boring locations ranging from 0.10 to 5.1 mg/kg within the Playground. PCB concentrations at six of the eleven locations are greater than the Method 1 Cleanup Standard. All of the locations with Method 1 Cleanup Standard exceedances are on the eastern portion of the Playground in the grassy area (see Figure 3). No samples collected from the northwestern portion of the Playground show PCB concentrations above 1 mg/kg. Lead was detected in all samples submitted ranging from 5.2 to 280 mg/kg. Lead concentrations exceeded the Method 1 Cleanup Standard in only one sample, B-R-7 (2.5-3.5), which was collected from the northwestern portion of the Playground. A summary of the laboratory analytical results for the Playground is provided in Tables 7A and 8A.

PCBs were not detected above the laboratory reporting limits in any of the seven concrete samples collected and analyzed.

A risk characterization was conducted for the northwestern portion of the Playground to evaluate if it was safe for public use. The risk characterization compares data to applicable standards that have been developed to be protective of human health and the environment. Weston & Sampson calculated Exposure Point concentrations using an average from all data, and an average from the surficial 0-0.5 feet, 0.5 to 1.5 feet depth and the original 0-3-foot sample below grade/mulch/grass interval only. EPCs are shown below.

Parameter	Units	Min Conc.	Max. Conc.	No. of samples	EPC-Average All data	No. of samples	EPC-Average Surficial	MCP Method 1 Standard
Total PCBs	mg/kg	ND (<0.081)	0.27	39	0.07	20	0.09	1
Lead	mg/kg	4.2	200	35	63.82	18	67.91	200

The results of the risk characterization showed that none of the data for the northwestern portion of the Playground exceeded the Method 1 Cleanup Standards at any location. One lead sample equals the standard, but the EPC based on averages is less than 68 mg/kg compared to the standard of 200 mg/kg. For PCBs, the maximum concentration detected is 0.27 mg/kg compared to the MCP Method 1 and Toxic Substance Control Act (TSCA) cleanup standard of 1 mg/kg.

Based on these data, on October 22, 2018, we recommended removing the fence to open-up the northwestern portion of the Playground and to allow the public to access that portion of the Site only. EPA and MassDEP were in agreement with our recommendation. The City will also put down fresh mulch on top of existing mulch. The Playground was re-opened in the above-mentioned capacity on October 31, 2018.

Ballfield

Laboratory analytical results from within the Ballfield collected during the July 2018 investigation show PCB concentrations in soil meeting or exceeding the Method 1 Cleanup Standard (1 mg/kg) in 224 of 635 soil samples collected. The general distribution of PCB impacts by depth is as follows:

Depth Below Ground Surface	Non-Detect – 1 mg/kg	>/=1, < 5 mg/kg	>/=5, < 10 mg/kg	>/=10, < 50 mg/kg	> 50 mg/kg	Max Concentration
0 – 0.5 feet	24	21	22	7	0	26 mg/kg
0.5 – 1.5 feet	38	15	7	12	2	74 mg/kg
1.5 – 2.5 feet	38	18	3	12	3	1,200 mg/kg
2.5 – 3.5 feet	41	18	4	7	4	12,000 mg/kg
3.5 – 5.5 feet	53	7	5	1	8	20,000 mg/kg
5.5 – 7.5 feet	57	7	1	6	3	2,600 mg/kg
7.5 – 9.5 feet	60	2	1	1	1	40,000 mg/kg
9.5 – 11.5 feet	57	3	1	1	0	49 mg/kg
11.5 – 13.5 feet	30	0	0	0	0	0.45 mg/kg
13.5 – 15.5 feet	8	0	0	0	0	0.15 mg/kg
15.5 – 17.5 feet	2	1	0	0	0	4.3 mg/kg
17.5 – 19.5 feet	1	0	0	0	0	Not detected

*For locations that included a duplicate sample, the higher of the two results is represented in the table above.

Fill material was observed throughout the Site ranging from approximately 3.5 feet bgs (Playground) to approximately 15 feet bgs (Ballfield). Cross sections of the subsurface showing the depth of material are provided in Figure 4.

With the exception of sample B-A-1 (15.5-17.5), PCBs were not detected above 1 mg/kg below 11.5 feet. Figures showing the horizontal distribution of PCBs by vertical sampling interval are provided in Figures 5A through 5H.

Lead was detected in all 351 samples analyzed. Lead concentrations exceed the Method 1 Cleanup Standard in 88 samples (approximately 25%), with a maximum concentration of 2,400 mg/kg at B-D-4 (2.5-3.5). A summary of the laboratory analytical results for the Ballfield is provided in Tables 7B and 8B.

Groundwater Sampling – November 2018

On November 21, 2018, Weston & Sampson collected groundwater samples from the 4 on-site monitoring wells. The samples were gathered in accordance with EPA low flow guidelines and analyzed for PCBs. Samples were placed in new, laboratory-prepared bottles and submitted to Con-Test for analysis. Groundwater samples collected from the four monitoring wells showed that contaminant concentrations were not detectable. A summary of the groundwater analytical results is included in Table 5.

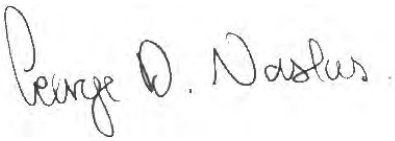
Conclusions

Weston & Sampson performed an Environmental Site Assessment that included the advancement of ninety-one (91) additional soil borings, as well as the collection and analysis of seven hundred three (703) soil samples and seven (7) concrete samples. Based on the results of this and previous environmental investigations at the Site, we concluded the following:

- PCB impacts to soil greater than 1 mg/kg are present in the Playground only in the eastern portion, and the western/northwestern portion of the Playground is open for use by the public.
- Concrete in the Playground is not impacted by PCBs.
- PCB impacts to surficial soil (0- to ½-foot bgs) greater than or equal to 1 mg/kg are present throughout most of the Ballfield.
- High concentrations (greater than 10 mg/kg) of PCBs become increasingly localized to the southwestern portion of the Ballfield in deeper soil (1.5 feet bgs and deeper).
- Concentrations of PCBs in soil exceed 50 mg/kg from 1.5 to 9.5 feet bgs in the southwestern portion of the Ballfield, with the greatest concentration (40,000 mg/kg) recorded at B-B.5-4 (7.5-9.5).
- Lead is present in elevated concentrations throughout the Site, and above the Method 1 Cleanup Standard in approximately one-quarter of the samples analyzed.

Based on the concentrations of PCBs detected to date, the size of the Site, and desired end use, Weston & Sampson continues to recommend pursuing a Risk-Based Cleanup under TSCA. We anticipate Site closure through a combination of hot spot removal and risk assessment. We also assume that closure will be supported by covering the site with a marker barrier and cover system, which will be incorporated into the new field design.

Sincerely,
WESTON & SAMPSON ENGINEERS, INC.



Prasanta K. Bhunia, PhD, LSP
Vice President

George D. Naslas, P.G., LSP
Vice President

Attachments
Figure 1 – Locus Plan
Figure 2 – Site Plan
Figure 3 – Playground Finishes
Figure 4 – Cross Section A-A' and B-B'
Figure 5A-5H – PCB Distribution Plans

Table 1 – Summary of Soil Analytical Results – Initial Investigation
Table 2 – Summary of Soil Analytical Results – Disposal Characterization
Table 3A-3B – Summary of Soil Analytical Results – Supplemental Borings
Table 4A-4B – Summary of Soil Analytical Results – Additional Surficial Sampling

Table 5 – Summary of Groundwater Analytical Results
Table 6 – Summary of Concrete Analytical Results
Table 7A-7B – Summary of Soil Analytical Results – PCBs
Table 8A-8B – Summary of Soil Analytical Results – Lead

Attachment A – Soil Boring Logs
Attachment B – Monitoring Well Construction Reports
Attachment C – Laboratory Analytical Reports

Cc: Ms. Kim Tisa, EPA Region 1
Mr. Stephen Johnson, MassDEP
Mr. Brad Rawson, City of Somerville
Mr. Jason Grossfield, City of Somerville
Ms. Denise Taylor, City of Somerville
Ms. Emily Monea, City of Somerville
Ms. Jaclyn Rossetti, City of Somerville
Mr. Vithal Deshpande, City of Somerville
Ms. Luisa Oliveira, City of Somerville

FIGURES

FIGURE 1

CONWAY PARK
SOMERVILLE, MASSACHSUETTS

LOCUS MAP

0 2,000 4,000 **Feet**

Weston & Sampson

NAD 83

EXISTING CONDITIONS LEGEND:

TREE CANOPY	CHAIN LINKED FENCE
DECIDUOUS TREE	GAS LINE
CONIFEROUS TREE	WATER LINE & WATER VALVE
SHRUB/BUSH	SANITARY SEWER
SIGN	STORM SEWER
UTILITY POLE	CURBING
LIGHT POLE	UNDERGROUND ELECTRIC
HYDRANT	CONDUIT
WATER VALVE	UNDER DRAIN
MANHOLE	UNDERGROUND TELEPHONE
CATCHBASIN	STONE WALL
METAL POST/BOLLARD	PROPERTY BOUNDARY
CONCRETE MONUMENT	ELEVATION CONTOUR

SOIL BORING/MONITORING WELL LEGEND:

- SOIL BORING (OCTOBER/NOVEMBER 2017)
- SOIL BORING (MARCH 2018)
- MONITORING WELL (MARCH 2018)
- SOIL BORING (JULY 2018)
- TEST PITS (OCTOBER 2017)

20 10 0 20 40 60

GRAPHIC SCALE 1" = 20'

FIGURE 2
CITY OF SOMERVILLE, MASSACHUSETTS
CONWAY PARK

SITE PLAN

NOVEMBER 2018 SCALE: 1" = 20'

Weston & Sampson

Weston & Sampson Engineers, Inc.
5 Centennial Drive, Peabody, MA 01960

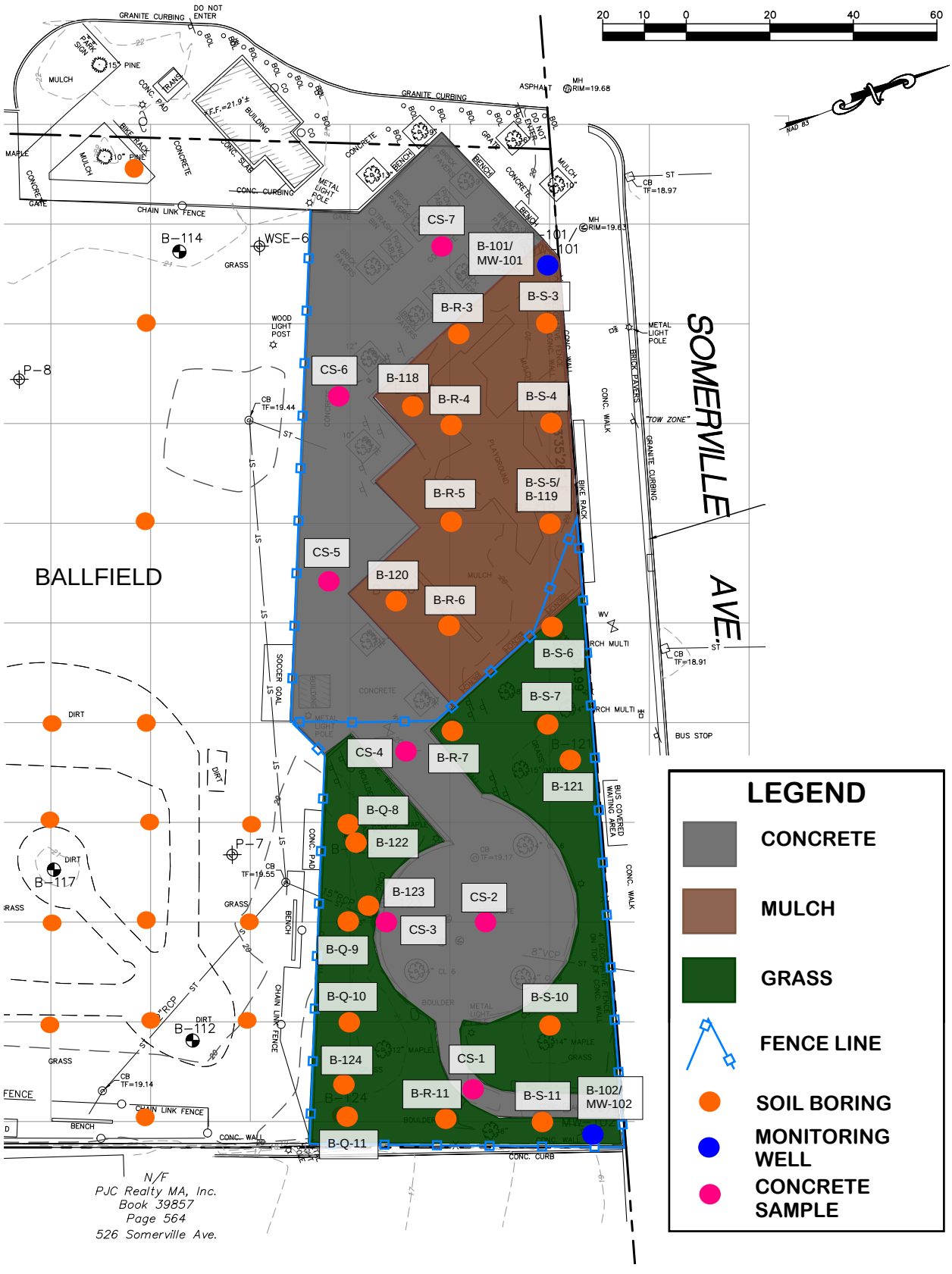


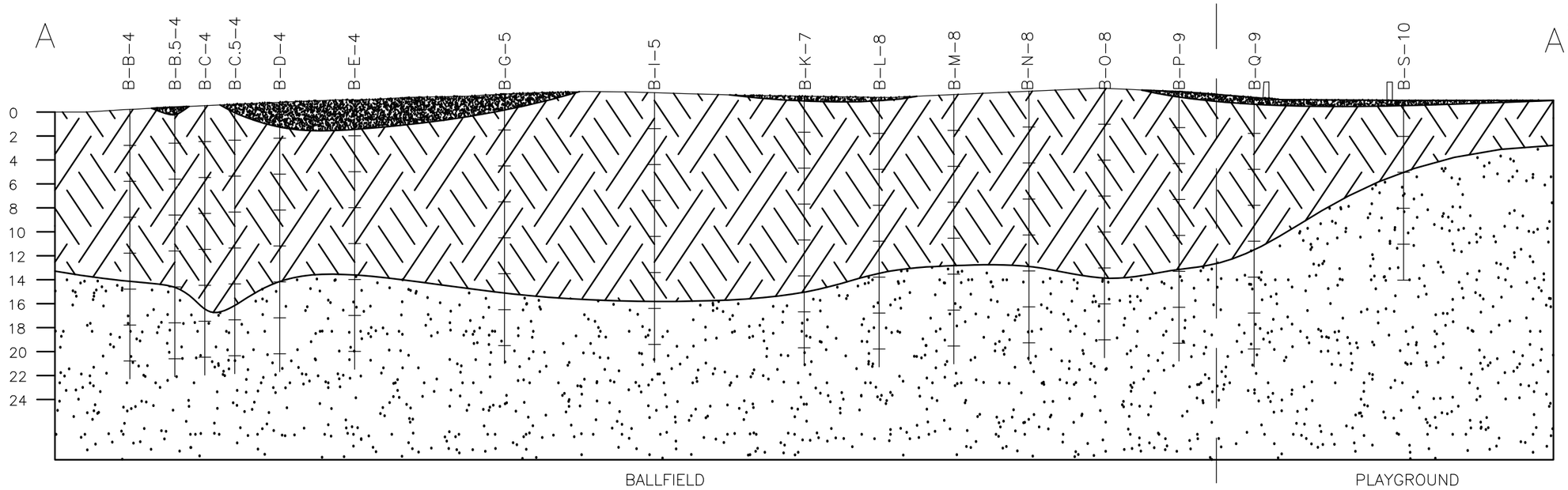
FIGURE 3

CONWAY PARK
SOMERVILLE, MASSACHUSETTS

PLAYGROUND AREA

FINISHES

Weston & Sampson



LEGEND

TOPSOIL

WOOD CHIPS

FILL

SAND

HORIZONTAL SCALE

40 20 0 40 80

SCALE: 1"=40'

VERTICAL SCALE: 1"=10'

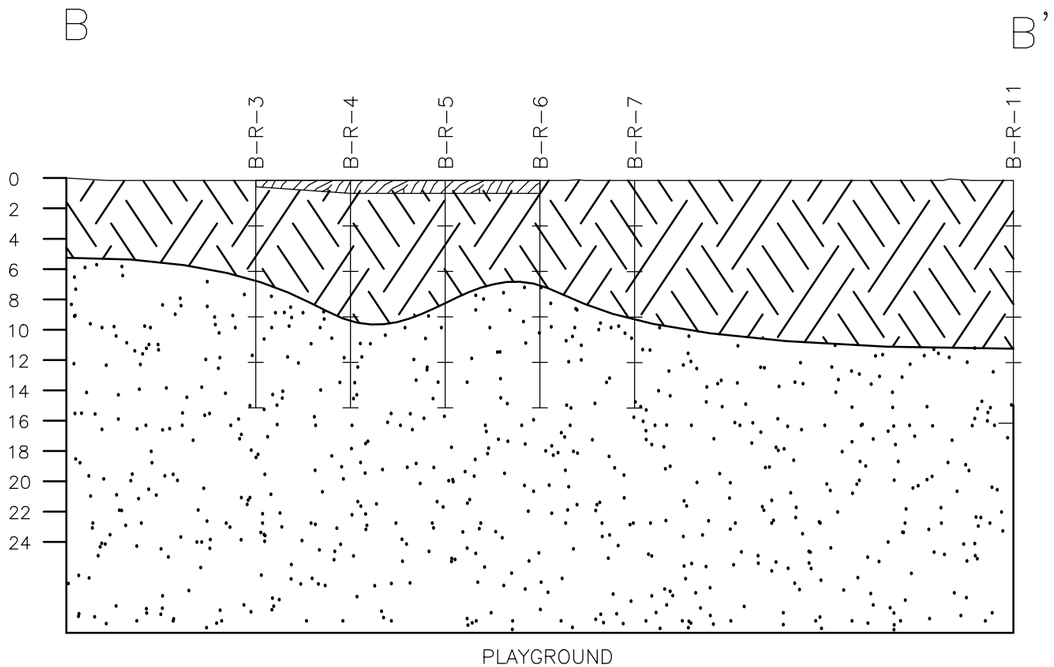


FIGURE 4

SOMERVILLE, MA
CONWAY PARK

CROSS SECTION A-A' AND B-B'

DESIGNED BY: MDM	CHECKED BY: JRS	DATE: AUGUST 2018

Weston & Sampson

P:\MA\Somerville MA\Conway Park\CAD\Conway Park Cross Sections rev2.dwg

NAD 83

EXISTING CONDITIONS LEGEND:

TREE CANOPY	CHAIN LINKED FENCE
DECIDUOUS TREE	OVERHEAD UTILITY WIRES
CONIFEROUS TREE	GAS LINE
SHRUB/BUSH	WATER LINE & WATER VALVE
SIGN	SANITARY SEWER
UTILITY POLE	STORM SEWER
LIGHT POLE	CURBING
HYDRANT	UNDERGROUND ELECTRIC
WATER VALVE	CONDUIT
MANHOLE	UNDER DRAIN
CATCHBASIN	UNDERGROUND TELEPHONE
METAL POST/BOLLARD	STONE WALL
CONCRETE MONUMENT	PROPERTY BOUNDARY
	ELEVATION CONTOUR

SOIL BORING/MONITORING WELL LEGEND:

- SOIL BORING (OCTOBER/NOVEMBER 2017)
- SOIL BORING (MARCH 2018)
- MONITORING WELL (MARCH 2018)
- SOIL BORING (JULY 2018)
- TEST PITS (OCTOBER 2017)

PCB CONCENTRATIONS:

- ≥ 1 PCBs < 5 MG/KG
- ≥ 5 PCBs < 10 MG/KG
- ≥ 10 PCBs < 50 MG/KG

NOTE:

P–SERIES AND WSE–SERIES SOIL BORINGS WERE NOT TESTED FOR PCBs.

20 10 0 20 40 60

GRAPHIC SCALE 1" = 20'

FIGURE 5A
CITY OF SOMERVILLE, MASSACHUSETTS
CONWAY PARK

PCB DISTRIBUTION PLAN:
0-0.5 FEET

JANUARY 2019 SCALE: 1" = 20'

Weston & Sampson
Weston & Sampson Engineers, Inc.
5 Centennial Drive, Peabody, MA 01960

NAD 83

EXISTING CONDITIONS LEGEND:

- TREE CANOPY
- DECIDUOUS TREE
- CONIFEROUS TREE
- SHRUB/BUSH
- SIGN
- UTILITY POLE
- LIGHT POLE
- HYDRANT
- WATER VALVE
- MANHOLE
- CATCHBASIN
- METAL POST/BOLLARD
- CONCRETE MONUMENT
- CHAIN LINKED FENCE
- OVERHEAD UTILITY WIRES
- GAS LINE
- WATER LINE & WATER VALVE
- SANITARY SEWER
- STORM SEWER
- CURBING
- UNDERGROUND ELECTRIC
- CONDUIT
- UNDER DRAIN
- UNDERGROUND TELEPHONE
- STONE WALL
- PROPERTY BOUNDARY
- ELEVATION CONTOUR

SOIL BORING/MONITORING WELL LEGEND:

- SOIL BORING (OCTOBER/NOVEMBER 2017)
- SOIL BORING (MARCH 2018)
- MONITORING WELL (MARCH 2018)
- SOIL BORING (JULY 2018)
- TEST PITS (OCTOBER 2017)

PCB CONCENTRATIONS:

- ≥ 1 PCBs < 5 MG/KG
- ≥ 5 PCBs < 10 MG/KG
- ≥ 10 PCBs < 50 MG/KG
- PCBs ≥ 50 MG/KG

NOTE:

P-SERIES AND WSE-SERIES SOIL BORINGS WERE NOT TESTED FOR PCBs.

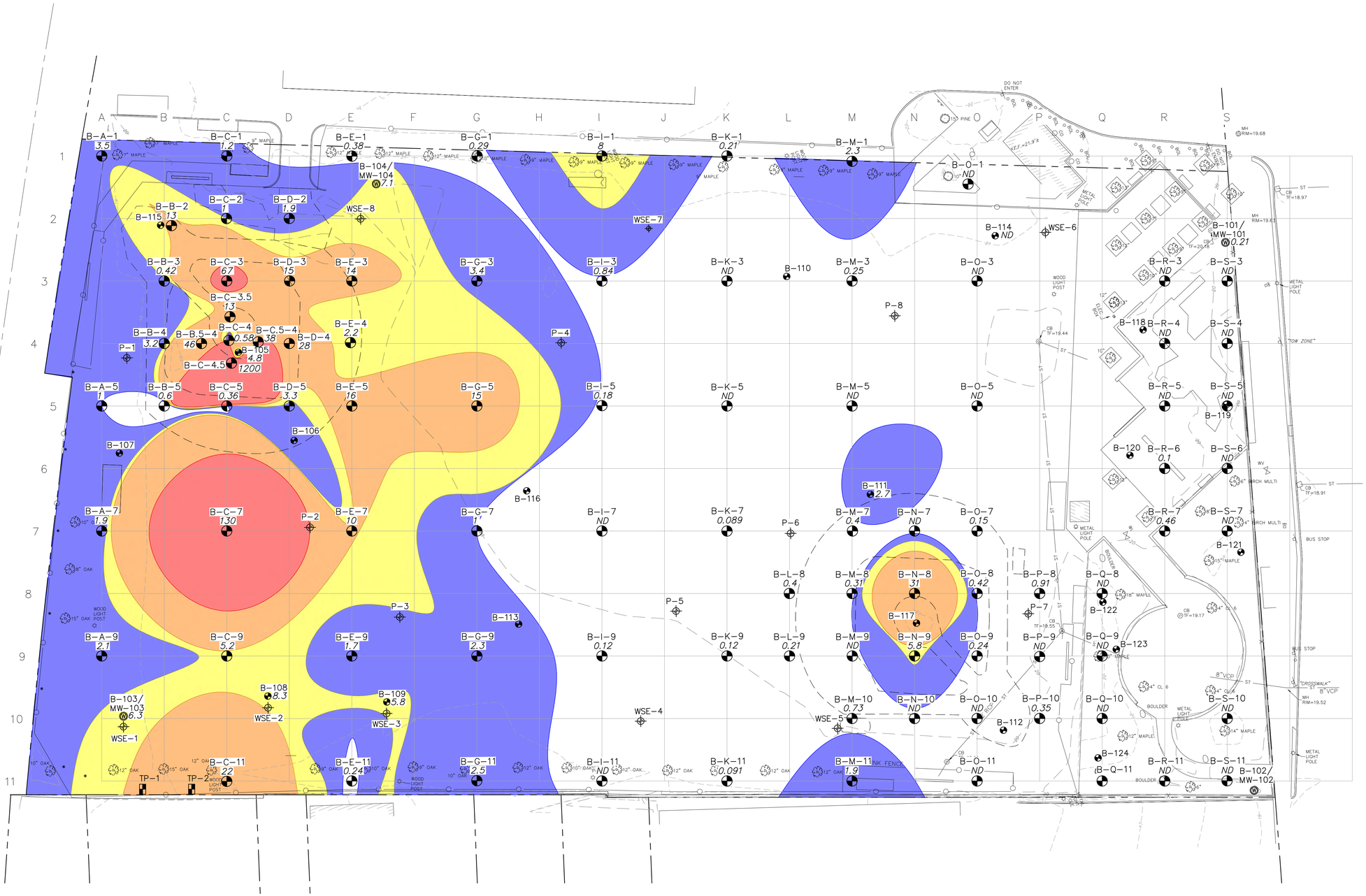
GRAPHIC SCALE 1" = 20'

FIGURE 5B
CITY OF SOMERVILLE, MASSACHUSETTS
CONWAY PARK

PCB DISTRIBUTION PLAN:
0.5 - 1.5 FEET

JANUARY 2019 SCALE: 1" = 20'

Weston & Sampson
Weston & Sampson Engineers, Inc.
5 Centennial Drive, Peabody, MA 01960



EXISTING CONDITIONS LEGEND:

- TREE CANOPY
- DECIDUOUS TREE
- CONIFEROUS TREE
- SHRUB/BUSH
- SIGN
- UTILITY POLE
- LIGHT POLE
- HYDRANT
- WATER VALVE
- MANHOLE
- CATCHBASIN
- METAL POST/BOLLARD
- CONCRETE MONUMENT
- CHAIN LINKED FENCE
- OVERHEAD UTILITY WIRES
- GAS LINE
- WATER LINE & WATER VALVE
- SANITARY SEWER
- STORM SEWER
- CURBING
- UNDERGROUND ELECTRIC
- CONDUIT
- UNDER DRAIN
- UNDERGROUND TELEPHONE
- STONE WALL
- PROPERTY BOUNDARY
- ELEVATION CONTOUR

SOIL BORING/MONITORING WELL LEGEND:

- SOIL BORING (OCTOBER/NOVEMBER 2017)
- SOIL BORING (MARCH 2018)
- MONITORING WELL (MARCH 2018)
- SOIL BORING (JULY 2018)
- TEST PITS (OCTOBER 2017)

PCB CONCENTRATIONS:

- ≥ 1 PCBs < 5 MG/KG
- ≥ 5 PCBs < 10 MG/KG
- ≥ 10 PCBs < 50 MG/KG
- PCBs ≥ 50 MG/KG

NOTE:

P-SERIES AND WSE-SERIES SOIL BORINGS WERE NOT TESTED FOR PCBs.

20 10 0 20 40 60
GRAPHIC SCALE 1" = 20'

FIGURE 5C
CITY OF SOMERVILLE, MASSACHUSETTS
CONWAY PARK

PCB DISTRIBUTION PLAN: 1.5 - 2.5 FEET

JANUARY 2019 SCALE: 1" = 20'

Weston & Sampson
Weston & Sampson Engineers, Inc.
5 Centennial Drive, Peabody, MA 01960

NAD 83

EXISTING CONDITIONS LEGEND:

- TREE CANOPY
- DECIDUOUS TREE
- CONIFEROUS TREE
- SHRUB/BUSH
- SIGN
- UTILITY POLE
- LIGHT POLE
- HYDRANT
- WATER VALVE
- MANHOLE
- CATCHBASIN
- METAL POST/BOLLARD
- CONCRETE MONUMENT
- CHAIN LINKED FENCE
- OVERHEAD UTILITY WIRES
- GAS LINE
- WATER LINE & WATER VALVE
- SANITARY SEWER
- STORM SEWER
- CURBING
- UNDERGROUND ELECTRIC
- CONDUIT
- UNDER DRAIN
- UNDERGROUND TELEPHONE
- STONE WALL
- PROPERTY BOUNDARY
- ELEVATION CONTOUR

SOIL BORING/MONITORING WELL LEGEND:

- SOIL BORING (OCTOBER/NOVEMBER 2017)
- SOIL BORING (MARCH 2018)
- MONITORING WELL (MARCH 2018)
- SOIL BORING (JULY 2018)
- TEST PITS (OCTOBER 2017)

PCB CONCENTRATIONS:

- ≥ 1 PCBs < 5 MG/KG
- ≥ 5 PCBs < 10 MG/KG
- ≥ 10 PCBs < 50 MG/KG
- PCBs ≥ 50 MG/KG

NOTE:

P–SERIES AND WSE–SERIES SOIL BORINGS WERE NOT TESTED FOR PCBs.

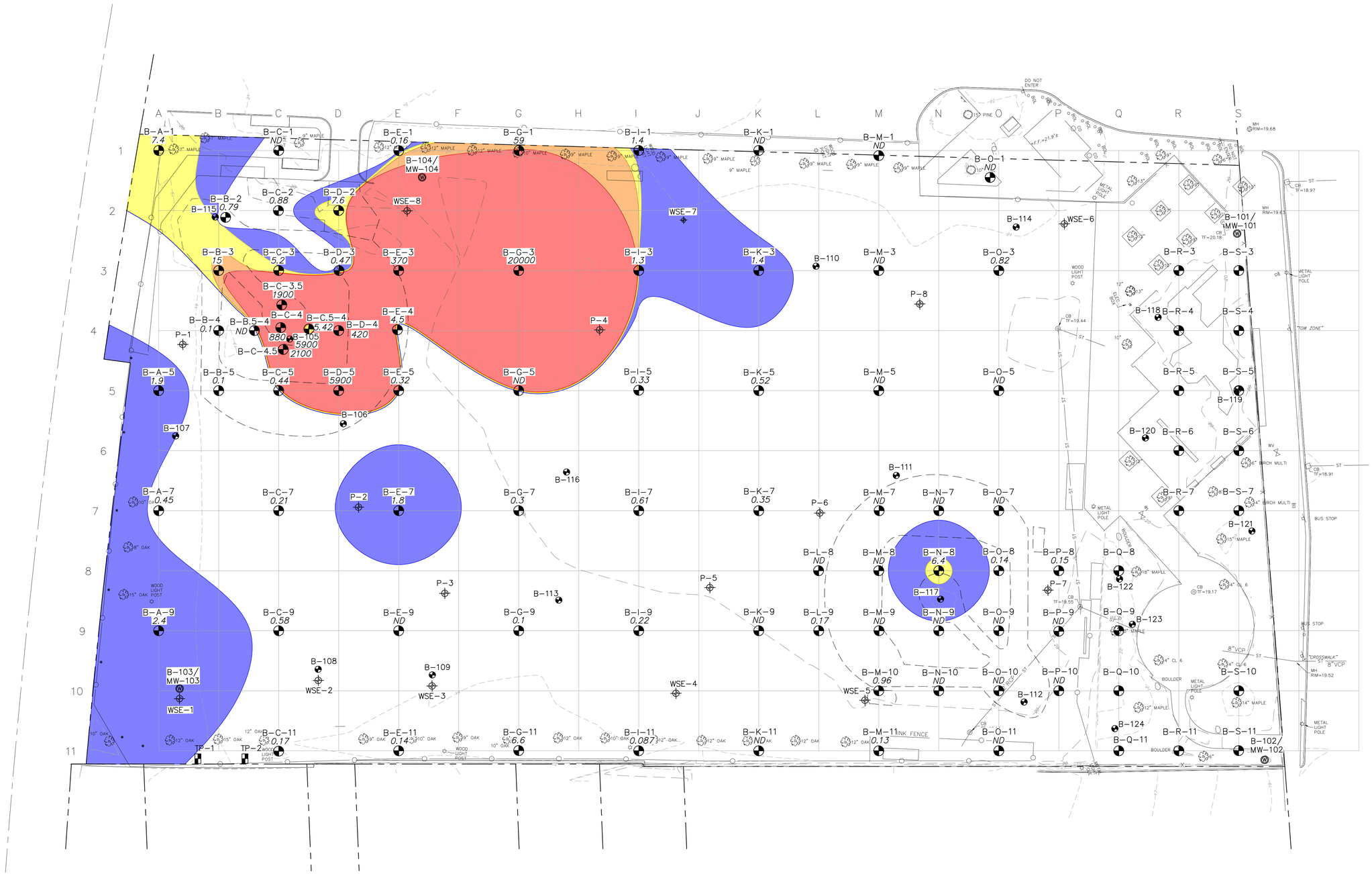
GRAPHIC SCALE 1" = 20'

FIGURE 5D
CITY OF SOMERVILLE, MASSACHUSETTS
CONWAY PARK

PCB DISTRIBUTION PLAN:
2.5 - 3.5 FEET

JANUARY 2019 SCALE: 1" = 20'

Weston & Sampson
Weston & Sampson Engineers, Inc.
5 Centennial Drive, Peabody, MA 01960



EXISTING CONDITIONS LEGEND:

TREE CANOPY	CHAIN LINKED FENCE
DECIDUOUS TREE	OVERHEAD UTILITY WIRES
CONIFEROUS TREE	GAS LINE
SHRUB/BUSH	WATER LINE & WATER VALVE
SIGN	SANITARY SEWER
UTILITY POLE	STORM SEWER
LIGHT POLE	CURBING
HYDRANT	UNDERGROUND ELECTRIC
WATER VALVE	CONDUIT
MANHOLE	UNDER DRAIN
CATCHBASIN	UNDERGROUND TELEPHONE
METAL POST/BOLLARD	STONE WALL
CONCRETE MONUMENT	PROPERTY BOUNDARY
	ELEVATION CONTOUR

SOIL BORING/MONITORING WELL LEGEND:

- SOIL BORING (OCTOBER/NOVEMBER 2017)
- SOIL BORING (MARCH 2018)
- MONITORING WELL (MARCH 2018)
- SOIL BORING (JULY 2018)
- TEST PITS (OCTOBER 2017)

PCB CONCENTRATIONS:

- ≥ 1 PCBs < 5 MG/KG
- ≥ 5 PCBs < 10 MG/KG
- ≥ 10 PCBs < 50 MG/KG
- PCBs ≥ 50 MG/KG

NOTE:

P-SERIES AND WSE-SERIES SOIL BORINGS WERE NOT TESTED FOR PCBs.

FIGURE 5E
CITY OF SOMERVILLE, MASSACHUSETTS
CONWAY PARK

PCB DISTRIBUTION PLAN: 3.5 - 5.5 FEET

JANUARY 2019 SCALE: 1" = 20'

Weston & Sampson
Weston & Sampson Engineers, Inc.
5 Centennial Drive, Peabody, MA 01960

NAD 83

EXISTING CONDITIONS LEGEND:

TREE CANOPY	CHAIN LINKED FENCE
DECIDUOUS TREE	OVERHEAD UTILITY WIRES
CONIFEROUS TREE	GAS LINE
SHRUB/BUSH	WATER LINE & WATER VALVE
SIGN	SANITARY SEWER
UTILITY POLE	STORM SEWER
LIGHT POLE	CURBING
HYDRANT	UNDERGROUND ELECTRIC
WATER VALVE	CONDUIT
MANHOLE	UNDER DRAIN
CATCHBASIN	UNDERGROUND TELEPHONE
METAL POST/BOLLARD	STONE WALL
CONCRETE MONUMENT	PROPERTY BOUNDARY
	ELEVATION CONTOUR

SOIL BORING/MONITORING WELL LEGEND:

- SOIL BORING (OCTOBER/NOVEMBER 2017)
- SOIL BORING (MARCH 2018)
- MONITORING WELL (MARCH 2018)
- SOIL BORING (JULY 2018)
- TEST PITS (OCTOBER 2017)

PCB CONCENTRATIONS:

- ≥ 1 PCBs < 5 MG/KG
- ≥ 5 PCBs < 10 MG/KG
- ≥ 10 PCBs < 50 MG/KG
- PCBs ≥ 50 MG/KG

NOTE:

P-SERIES AND WSE-SERIES SOIL BORINGS WERE NOT TESTED FOR PCBs.

20 10 0 20 40 60

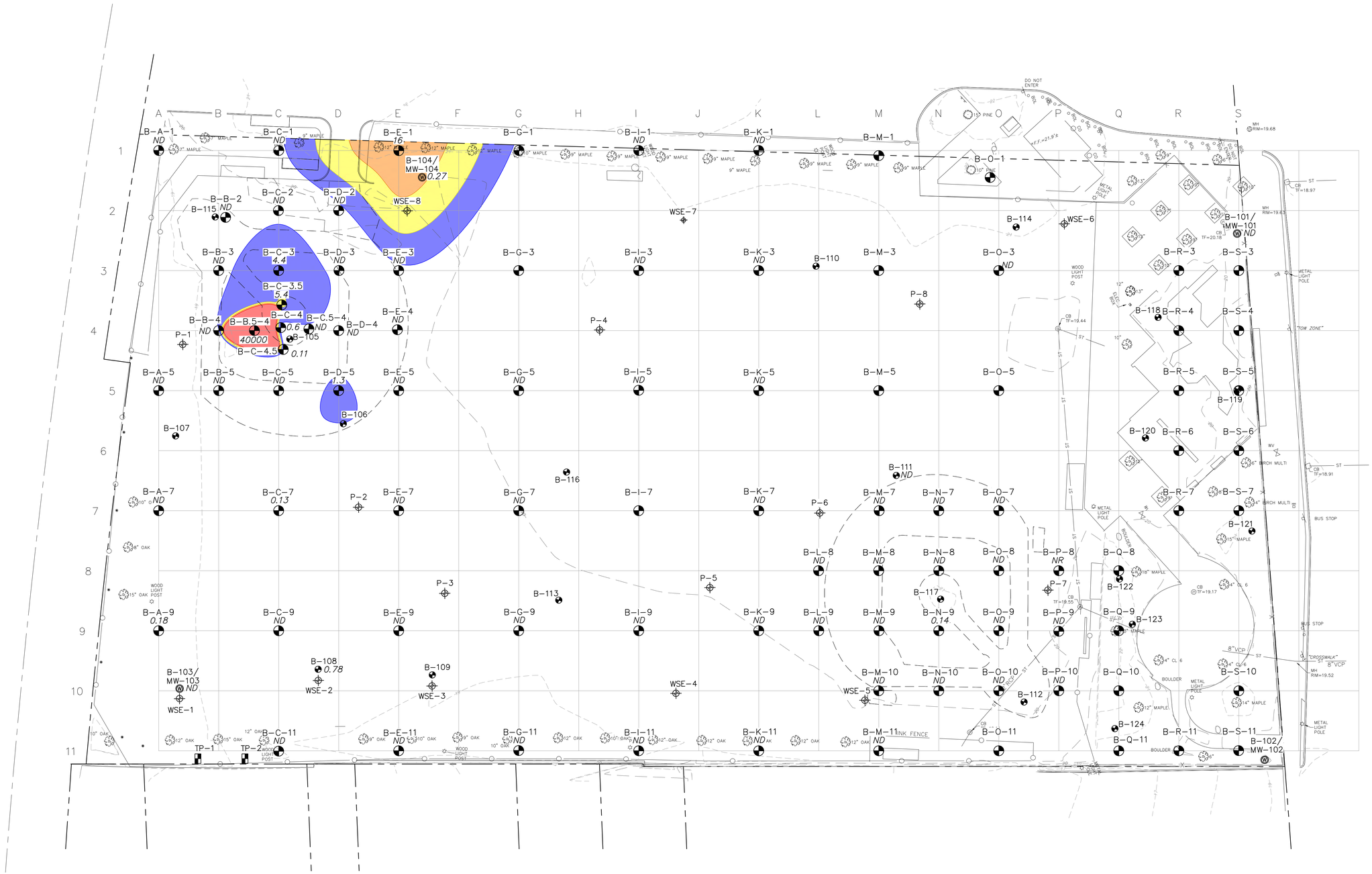
GRAPHIC SCALE 1" = 20'

FIGURE 5F
CITY OF SOMERVILLE, MASSACHUSETTS
CONWAY PARK

PCB DISTRIBUTION PLAN: 5.5 - 7.5 FEET

JANUARY 2019 SCALE: 1" = 20'

Weston & Sampson
Weston & Sampson Engineers, Inc.
5 Centennial Drive, Peabody, MA 01960



EXISTING CONDITIONS LEGEND:

- TREE CANOPY
- DECIDUOUS TREE
- CONIFEROUS TREE
- SHRUB/BUSH
- SIGN
- UTILITY POLE
- LIGHT POLE
- HYDRANT
- WATER VALVE
- MANHOLE
- CATCHBASIN
- METAL POST/BOLLARD
- CONCRETE MONUMENT
- CHAIN LINKED FENCE
- OVERHEAD UTILITY WIRES
- GAS LINE
- WATER LINE & WATER VALVE
- SANITARY SEWER
- STORM SEWER
- CURBING
- UNDERGROUND ELECTRIC
- CONDUIT
- UNDER DRAIN
- UNDERGROUND TELEPHONE
- STONE WALL
- PROPERTY BOUNDARY
- ELEVATION CONTOUR

SOIL BORING/MONITORING WELL LEGEND:

- SOIL BORING (OCTOBER/NOVEMBER 2017)
- SOIL BORING (MARCH 2018)
- MONITORING WELL (MARCH 2018)
- SOIL BORING (JULY 2018)
- TEST PITS (OCTOBER 2017)

PCB CONCENTRATIONS:

- ≥ 1 PCBs < 5 MG/KG
- ≥ 5 PCBs < 10 MG/KG
- ≥ 10 PCBs < 50 MG/KG
- PCBs ≥ 50 MG/KG

NOTE:

P-SERIES AND WSE-SERIES SOIL BORINGS WERE NOT TESTED FOR PCBs.

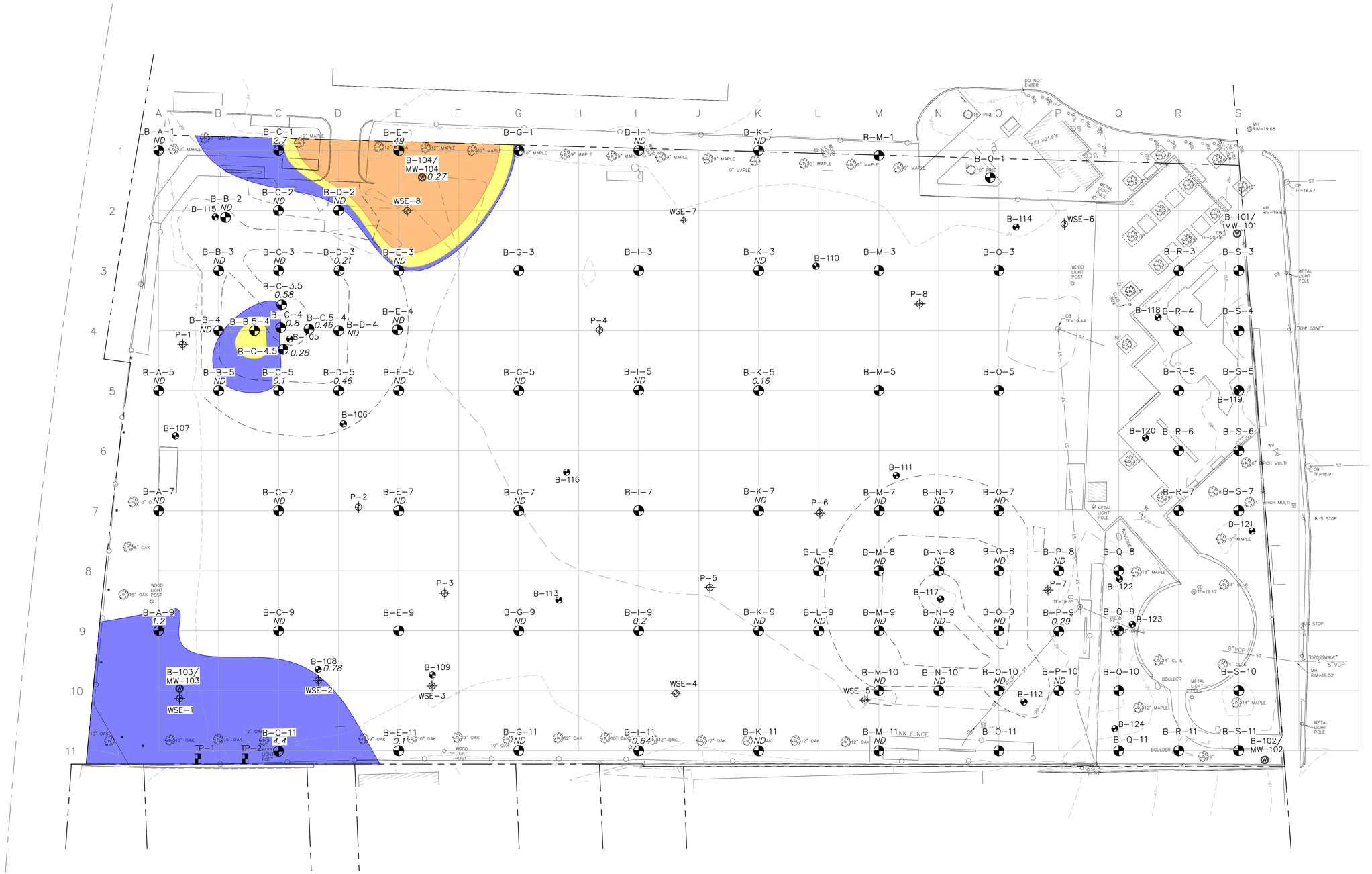
20 10 0 20 40 60
GRAPHIC SCALE 1" = 20'

FIGURE 5G
CITY OF SOMERVILLE, MASSACHUSETTS
CONWAY PARK

PCB DISTRIBUTION PLAN: 7.5 - 9.5 FEET

JANUARY 2019 SCALE: 1" = 20'

Weston & Sampson
Weston & Sampson Engineers, Inc.
5 Centennial Drive, Peabody, MA 01960



EXISTING CONDITIONS LEGEND:

- TREE CANOPY
- DECIDUOUS TREE
- CONIFEROUS TREE
- SHRUB/BUSH
- SIGN
- UTILITY POLE
- LIGHT POLE
- HYDRANT
- WATER VALVE
- MANHOLE
- CATCHBASIN
- METAL POST/BOLLARD
- CONCRETE MONUMENT
- CHAIN LINKED FENCE
- OVERHEAD UTILITY WIRES
- GAS LINE
- WATER LINE & WATER VALVE
- SANITARY SEWER
- STORM SEWER
- CURBING
- UNDERGROUND ELECTRIC
- CONDUIT
- UNDER DRAIN
- UNDERGROUND TELEPHONE
- STONE WALL
- PROPERTY BOUNDARY
- ELEVATION CONTOUR

SOIL BORING/MONITORING WELL LEGEND:

- SOIL BORING (OCTOBER/NOVEMBER 2017)
- SOIL BORING (MARCH 2018)
- MONITORING WELL (MARCH 2018)
- SOIL BORING (JULY 2018)
- TEST PITS (OCTOBER 2017)

PCB CONCENTRATIONS:

- ≥ 1 PCBs < 5 MG/KG
- ≥ 5 PCBs < 10 MG/KG
- ≥ 10 PCBs < 50 MG/KG

NOTE:

P-SERIES AND WSE-SERIES SOIL BORINGS WERE NOT TESTED FOR PCBs.

20 10 0 20 40 60
GRAPHIC SCALE 1" = 20'

FIGURE 5H
CITY OF SOMERVILLE, MASSACHUSETTS
CONWAY PARK

PCB DISTRIBUTION PLAN: 9.5 - 11.5 FEET

JANUARY 2019 SCALE: 1" = 20'

Weston & Sampson
Weston & Sampson Engineers, Inc.
5 Centennial Drive, Peabody, MA 01960

TABLES

Table 1
Summary of Soil Analytical Results
Initial Investigation
Conway Park
Somerville, Massachusetts
October - November 2018

Parameter	Units	Method 1 Cleanup Standards		Sample Identification																			
				P-1		P-2		P-3		P-4			P-5		P-6		P-7		P-8		WSE-1	WSE-2	WSE-3	WSE-8
		S-1/GW-2	S-1/GW-3	6-8'	0-2'	0-2'	13-15'	0-2'	8-10'	0-2'	DUP (0-2')	5-7'	0-2'	3-5'	0-2'	8-10'	0-2'	6-8'	0-2'	3-5'	3-6'	0-3'	6-8'	11-13'
				10/31/2017	10/31/2017	10/31/2017	10/31/2017	11/01/2017	11/01/2017	11/01/2017	11/01/2017	11/01/2017	11/01/2017	10/31/2017	10/31/2017	10/31/2017	10/31/2017	11/01/2017	11/01/2017	10/31/2017	11/02/2017	11/02/2017	11/02/2017	11/02/2017
Metals																								
Antimony	mg/kg	20	20	1.78	0.66	0.86	<0.54	<0.54	3.97	<0.54	<0.57	0.81	1.25	1.73	1.28	<0.45	2.23	8.93	<0.49	67.5	<0.57	<0.57	2.07	NT
Arsenic	mg/kg	20	20	7.28	10.5	7.78	<2.71	3.77	11.9	7.05	<2.86	5.75	7.26	9.39	8.57	3.05	8.77	8.35	6.57	9.15	7.25	4.91	6.48	NT
Barium	mg/kg	1000	1000	630	47.3	35.1	11.3	32.5	195	15.7	7.47	75.1	40	135	40.2	15.5	50.6	83.3	36.1	134	74.7	30.9	100	NT
Beryllium	mg/kg	90	90	0.24	0.44	0.33	0.18	0.38	0.24	0.24	0.15	0.12	0.32	0.3	0.36	0.18	0.32	0.38	0.38	0.23	0.34	0.33	0.25	NT
Cadmium	mg/kg	70	70	1.56	<0.52	0.51	<0.54	<0.54	2.62	<0.54	<0.57	1.01	<0.52	1.75	<0.57	<0.45	<0.52	<0.62	<0.49	0.82	0.63	<0.57	1.72	NT
Chromium	mg/kg	100	100	15.9	18.7	19.2	7.45	10.7	23.4	8.78	6.95	10.1	11.8	13.1	14.8	7.09	15.2	364	13.3	11.3	12.2	16.6	17.3	NT
Lead	mg/kg	200	200	1490	139	121	7.84	28.9	950	29.7	<5.71	1020	207	846	217	12.2	333	115	87.8	3610	194	53.6	683	NT
Mercury	mg/kg	20	20	1.35	0.334	0.224	<0.037	0.083	0.537	0.059	<0.03	0.418	0.428	0.462	0.326	0.118	0.523	<0.034	0.151	0.408	0.203	0.234	0.509	NT
Nickel	mg/kg	600	600	11	13.8	12.7	7.07	14.6	14.5	6.13	6.25	13.1	13.9	37	19.2	6.42	21.9	5.45	12.5	14.5	11.4	13.7	36.4	NT
Selenium	mg/kg	400	400	0.73	<0.52	0.49	<0.54	<0.54	1.32	<0.54	<0.57	<0.55	<0.52	0.69	<0.57	<0.45	<0.52	0.88	<0.49	0.61	<0.57	<0.57	0.79	NT
Silver	mg/kg	100	100	0.51	0.55	<0.46	<0.54	<0.54	<0.68	<0.54	<0.57	0.64	<0.52	0.62	<0.57	<0.45	<0.52	<0.62	<0.49	0.73	<0.57	<0.57	1	NT
Thallium	mg/kg	8	8	<0.47	<0.52	<0.46	<0.54	<0.54	<0.68	<0.54	<0.57	<0.55	<0.52	<0.52	<0.57	<0.45	<0.52	<0.62	<0.49	<0.53	<0.57	<0.57	<0.46	NT
Vanadium	mg/kg	400	400	11.3	19	18.2	10.3	15.6	15.6	11	9.65	12.4	22.6	16.4	21.9	9.59	24.6	8.22	17.7	13.6	16.2	15.1	13.3	NT
Zinc	mg/kg	1000	1000	593	163	219	14.6	35.7	454	40.5	19.7	67	261	959	269	12.5	341	69.6	148	198	149	68.9	1680	NT
EPH																								
C9-C18 Aliphatics	mg/kg	1000	1000	<33.6	<37.7	<35.4	<19.5	<17.2	186	<17.7	<17.3	<16.6	<53.1	<52.5	<17.8	<17	<39.3	<22.8	<17.9	<33	<51.3	<34.3	<37.3	182
C19-C36 Aliphatics	mg/kg	3000	3000	60.2	<37.7	38.4	<19.5	<17.2	511	<17.7	<17.3	<16.6	251	276	<17.8	<17	<39.3	<22.8	<17.9	60	106	<34.3	251	29.9
C11-C22 Aromatics	mg/kg	1000	1000	159	47.3	39.3	<19.5	17.4	438	<17.7	<17.3	74.5	370	403	61.8	<17	111	<22.8	40.9	428	325	187	425	96.5
Target PAHs																								
Acenaphthene	mg/kg	1000	1000	<0.9	<1.01	<0.94	<0.52	<0.46	<1.16	<0.47	<0.46	<0.44	<1.42	<1.4	<0.47	<0.45	<1.05	<0.61	<0.48	9.85	1.42	<0.92	1.63	<0.51
Acenaphthylene	mg/kg	600	10	<0.45	<0.5	<0.47	<0.26	<0.23	<0.58	<0.24	<0.23	<0.22	<0.71	0.75	<0.24	<0.23	<0.52	<0.3	<0.24	0.75	<0.68	0.48	0.84	<0.26
Anthracene	mg/kg	1000	1000	1.02	<1.01	<0.94	<0.52	<0.46	1.36	<0.47	<0.46	0.75	<1.42	<1.4	0.56	<0.45	<1.05	<0.61	<0.48	18	3.18	<0.92	4.33	<0.51
Benzo(a)anthracene	mg/kg	7	7	3.38	<1.01	<0.94	<0.52	<0.46	3.66	<0.47	<0.46	1.4	2.5	5.76	1.51	<0.45	1.68	<0.61	0.73	26.4	6.62	3.66	12.1	<0.51
Benzo(a)pyrene	mg/kg	2	2	2.75	<1.01	<0.94	<0.52	<0.46	3.46	<0.47	<0.46	1.12	1.76	5.34	1.55	<0.45	1.47	<0.61	0.73	18.1	4.6	2.45	7.37	<0.51
Benzo(b)fluoranthene	mg/kg	7	7	3.95	<1.01	<0.94	<0.52	<0.46	5.18	<0.47	<0.46	1.36	2.6	7.57	2.01	<0.45	1.83	<0.61	0.95	24.5	6.07	3.16	13	<0.51
Benzo(g,h,i)perylene	mg/kg	1000	1000	0.94	<1.01	<0.94	<0.52	<0.46	1.78	<0.47	<0.46	<0.44	<1.42	2.97	0.98	<0.45	<1.05	<0.61	0.5	2.99	<1.37	<0.92	2.14	<0.51
Benzo(k)fluoranthene	mg/kg	70	70	1.23	<1.01	<0.94	<0.52	<0.46	1.83	<0.47	<0.46	<0.44	<1.42	2.58	0.7	<0.45	<1.05	<0.61	<0.48	3.87	2.13	1.06	3.54	<0.51
Chrysene	mg/kg	70	70	3.44	<1.01	<0.94	<0.52	<0.46	4.41	<0.47	<0.46	1.36	2.43	6.43	1.54	<0.45	1.96	<0.61	0.76	23.9	6.61	3.31	12.1	<0.51
Dibenzo(a,h)Anthracene	mg/kg	0.7	0.7	<0.45	<0.5	<0.47	<0.26	<0.23	<0.58	<0.24	<0.23	<0.22	<0.71	0.8	0.26	<0.23	<0.52	<0.3	<0.24	1.22	<0.68	<0.46	0.71	<0.26
Fluoranthene	mg/kg	1000	1000	5.94	<1.01	1.01	<0.52	<0.46	7.91	<0.47	<0.46	2.48	4.82	11.1	2.86	<0.45	3.61	<0.61	1.39	67.9	13.1	4.65	28.4	<0.51
Fluorene	mg/kg	1000	1000	<0.9	<1.01	<0.94	<0.52	<0.46	<1.16	<0.47	<0.46	<0.44	<1.42	<1.4	<0.47	<0.45	<1.05	<0.61	<0.48	7.92	1.45	<0.92	2.44	<0.51
Indeno(1,2,3-cd)Pyrene	mg/kg	7	7	1.18	<1.01	<0.94	<0.52	<0.46	2.22	<0.47	<0.46	<0.44	<1.42	3.61	1.14	<0.45	<1.05	<0.61	0.54	4.54	1.52	<0.92	3.01	<0.51
2-Methylnaphthalene	mg/kg	80	300	<0.45	<0.5	<0.47	<0.26	<0.23	0.68	<0.24	<0.23	<0.22	<0.71	0.71	<0.24	<0.23	<0.52	<0.3	<0.24	3.07	<0.68	<0.46	0.64	1.65
Naphthalene	mg/kg	20	500	<0.9	<1.01	<0.94	<0.52	<0.46	<1.16	<0.47	<0.46	<0.44	<1.42	<1.4	<0.47	<0.45	<1.05	<0.61	<0.48	5.08	<1.37	<0.92	<0.99	<0.51
Phenanthrene	mg/kg	500	500	4.6	<1.01	<0.94	<0.52	<0.46	4.88	<0.47	<0.46	2.78	3.8	8.13	2.22	<0.45	3.28	<0.61	0.89	80.7	12.3	2.59	24.5	0.7
Pyrene	mg/kg	1000	1000	5.55	<1.01	<0.94	<0.52	<0.46	7.51	<0.47	<0.46	2.43	4.48	10.5	2.5	<0.45	3.86	<0.61	1.22	60.1	13.4	5.29	26.1	<0.51
VPH																								
C5-C8 Aliphatics	mg/kg	100	100	<12.1	<13.3	<12.2	<15	<12.6	<18.5	<12.5	<42.1	<17.8	<12.1	<13.5	<13.5	<12.9	<15.7	<19	<13.2	<11.4	<13.2	<12.8	<12.8	<11
C9-C12 Aliphatics	mg/kg	1000	1000	<12.1	<13.3	<12.2	<15	<12.6	<18.5	<12.5	<42.1	<17.8	<12.1	<13.5	<13.5	<12.9	<15.7	<19	<13.2	<11.4	<13.2	<12.8	<12.8	<11
C9-C10 Aromatics	mg/kg	100	100	<12.1	<13.3	<12.2	<15	<12.6	<18.5	<12.5	<42.1	<17.8	<12.1	<13.5	<13.5	<12.9	<15.7	<19	<13.2	<11.4	<13.2	<12.8	<12.8	<11
Target VOCs																								
Benzene	mg/kg	40	40	<0.24	<0.27	<0.24	<0.3	<0.25	<0.37	<0.25	<0.84	<0.36	<0.24	<0.27	<0.27	<0.26	<0.31	<0.38	<0.26	<0.23	<0.26	<0.26	<0.26	<0.22
Ethylbenzene	mg/kg	500	500	<0.24	<0.27	<0.24	<0.3	<0.25	<0.37	<0.25	<0.84	<0.36	<0.24	<0.27	<0.27	<0.26	<0.31	<0.38	<0.26	<0.23	<0.26	<0.26	<0.26	<0.22
Methyl tert-Butyl Ether	mg/kg	100	100	<0.06	<0.07	<0.06	<0.07	<0.06	<0.09	<0.06	<0.21	<0.09	<0.06	<0.07	<0.07	<0.06	<0.08	<0.09	<0.07	<0.06	<0.07	<0.06	<0.06	<0.05
Naphthalene	mg/kg	20	500	<0.24	<0.27	<0.24	<0.3	<0.25	<0.37	<0.25	<0.84	<0.36	<0.24	<0.27	<0.27	<0.26	<0.31	<0.38	<0.26	0.43	0.43	<0.26	<0.26	<0.22
Toluene	mg/kg	500	500	<0.24	<0.27	<0.24	<0.3	<0.25	<0.37	<0.25	<0.84	<0.36	<0.24	<0.27	<0.27	<0.26	<0.31	<0.38	<0.26	<0.23	<0.26	<0.26	<0.26	<0.22
Total Xylenes	mg/kg	100	500	<0.48	<0.53	<0.49	<0.6	<0.51	<0.74	<0.5	<1.69	<0.71	<0.48	<0.54	<0.54	<0.52	<0.63	<0.76	<0.53	<0.46	<0.53	<0.51	<0.51	<0.44
VOCs																								
2-Butanone	mg/kg	50	400	<0.011	<0.0106	<0.0101	<0.0124	<0.0115	0.0145	<0.008	<0.0094	<0.0089	<0.0115	<0.0131	<0.0105	<0.0098	<0.0103	<0.0108	<0.0116	<0.007	<0.0121	<0.0079	<0.0113	NT
Acetone	mg/kg	50	400	<0.011	<0.0106	<0.0101	0.0166	<0.0115	0.142	<0.008	0.0133	<0.0089	<0.0115	<0.0131	<0.0105	<0.0098	<0.0103	<0.0108	<0.0116	<0.007	<0.0121	<0.0079	0.0163	NT
Naphthalene	mg/kg	20	500	<0.0055	<0.0053	<0.0051	<0.0062	<0.0058	<0.0044	<0.004	<0.0047	<0.0045	<0.0057	<0.0065	<0.0053	<0.0049	<0.0052	<0.0054	<0.0058	<0.0035	0.0126	<0.0039	<0.0056	NT

Abbreviations:
NT = Not Tested
mg/kg = milligram per kilogram
VPH = Volatile Petroleum Hydrocarbons
VOCs = Volatile Organic Compounds
EPH = Extractable Petroleum Hydrocarbons
PAHs = Polycyclic Aromatic Hydrocarbons

Notes:
< = indicates parameter not detected above laboratory method reporting limit, shown
BOLD Parameter detected above laboratory detection limit
BOLD Parameter equal to or exceeds the applicable standard.
Standards are from Massachusetts Contingency Plan (MCP), 310 CMR 40, April 2014.

Table 2
Summary of Soil Analytical Results - Disposal Characterization
Conway Park
Somerville, Massachusetts
November 2017

Parameter	Unit	Reportable Concentrations (RCs)		COMM 97 In-State Disposal/Reuse Levels		Sample Identification
		RCS-1	RCS-2	Unlined	Lined	Disposal Characterization 11/2/2017
Metals						
ANITMONY	mg/kg	20	30	NS	NS	**1.15**
ARSENIC	mg/kg	20	20	40	40	**7.11**
BARIUM	mg/kg	1000	3000	NS	NS	**30.2**
BERYLLIUM	mg/kg	90	200	NS	NS	**0.34**
CADMIUM	mg/kg	70	100	30	80	<0.6
CHROMIUM	mg/kg	100	200	1000	1000	**14.1**
LEAD	mg/kg	200	600	1000	2000	**73.8**
MERCURY	mg/kg	20	30	10	10	**0.151**
NICKEL	mg/kg	600	1000	NS	NS	**10.3**
SELENIUM	mg/kg	400	700	NS	NS	<0.6
SILVER	mg/kg	100	200	NS	NS	<0.6
THALLIUM	mg/kg	8	60	NS	NS	<0.6
VANADIUM	mg/kg	400	700	NS	NS	**15.6**
ZINC	mg/kg	1000	3000	NS	NS	**95**
Polychlorinated Biphenyls (PCBs)						
PCB 1016	mg/kg	1	4	2	2	<0.06
PCB 1221	mg/kg	1	4	2	2	<0.06
PCB 1232	mg/kg	1	4	2	2	<0.06
PCB 1242	mg/kg	1	4	2	2	<0.06
PCB 1248	mg/kg	1	4	2	2	<0.06
PCB 1254	mg/kg	1	4	2	2	**8.7**
PCB 1260	mg/kg	1	4	2	2	<0.06
PCB 1262	mg/kg	1	4	2	2	<0.06
PCB 1268	mg/kg	1	4	2	2	<0.06
Total PCBs	mg/kg	1	4	2	2	**8.7**
Total Petroleum Hydrocarbons						
TPH	mg/kg	1000	3000	2500	5000	**267**
Semivolatile Organic Compounds (SVOCs)						
ACENAPHTHYLENE	mg/kg	1	10	NS	NS	**1.05**
ANTHRACENE	mg/kg	1000	3000	NS	NS	**2.43**
BENZO(A)ANTHRACENE	mg/kg	7	40	NS	NS	**8.62**
BENZO(A)PYRENE	mg/kg	2	7	NS	NS	**7.49**
BENZO(B)FLUORANTHENE	mg/kg	7	40	NS	NS	**6.19**
BENZO(G,H,I)PERYLENE	mg/kg	1000	3000	NS	NS	**2.6**
BENZO(K)FLUORANTHENE	mg/kg	70	400	NS	NS	**6.37**
CHRYSENE	mg/kg	70	400	NS	NS	**7.71**
DIBENZ(A,H)ANTHRACENE	mg/kg	0.7	4	NS	NS	**1.62**
DIBENZOFURAN	mg/kg	100	1000	NS	NS	**0.612**
FLUORANTHENE	mg/kg	1000	3000	NS	NS	**13.4**
FLUORENE	mg/kg	1000	3000	NS	NS	**0.862**
INDENO(1,2,3-CD)PYRENE	mg/kg	7	40	NS	NS	**2.5**
NAPHTHALENE	mg/kg	4	20	NS	NS	**0.502**
PHENANTHRENE	mg/kg	10	1000	NS	NS	**7.63**
PYRENE	mg/kg	1000	3000	NS	NS	**9.02**
Total SVOCs	mg/kg	NS	NS	100	100	**78.6**
General Chemistry						
SPECIFIC CONDUCTANCE	umhos/cm	NS	NS	4000	8000	**311**
IGNITABILITY	no unit	NS	NS	Absent	Absent	Absent
REACTIVE CYANIDE	mg/kg	NS	NS	None	None	<2
REACTIVE SULFIDE	mg/kg	NS	NS	None	None	<2
pH	pH units	NS	NS	>2 and <12	>2 and <12	**7.72**

Abbreviations:
mg/kg = milligrams per kilogram
µmhos/cm = micromhos per cm
NS = No Standard
VPH = Volatile Petroleum Hydrocarbons

Notes:
BOLD Parameter detected above laboratory detection limit
BOLD Parameter equal to or exceeds the applicable standard.
< = indicates parameter not detected above laboratory method reporting limit, shown
RCs are from Massachusetts Contingency Plan (MCP), 310 CMR 40, April 2014.

Table 3A
Summary of Soil Analytical Results
Supplemental Borings - Playground
Conway Park
Somerville, Massachusetts
March 2018

Parameter	Units	Method 1 Cleanup Standards		Sample Identification			
				B101		B102	
		S-1/GW-2	S-1/GW-3	(0-3')	(6-9')	(0-3')	(3-6')
				3/7/2018	3/7/2018	3/7/2018	3/7/2018
Metals							
Antimony	mg/kg	20	20	<2.0	<2.0	<1.9	<1.9
Arsenic	mg/kg	20	20	**2.8**	<2.0	**2.8**	<1.9
Barium	mg/kg	1000	1000	**35**	**15**	**34**	**22**
Beryllium	mg/kg	90	90	<0.20	<0.20	<0.19	<0.19
Cadmium	mg/kg	70	70	**0.3**	<0.20	**0.55**	<0.19
Chromium	mg/kg	100	100	**13**	**10**	**11**	**14**
Lead	mg/kg	200	200	**66**	**4.2**	**33**	**50**
Mercury	mg/kg	20	20	**0.13**	<0.028	**0.086**	**0.11**
Nickel	mg/kg	600	600	**11**	**8.2**	**9**	**8.9**
Vanadium	mg/kg	400	400	**19**	**16**	**17**	**20**
Zinc	mg/kg	1000	1000	**140**	**35**	**210**	**28**
EPH							
C9-C18 Aliphatics	mg/kg	1000	1000	<11	<12	<11	<11
C19-C36 Aliphatics	mg/kg	3000	3000	<11	<12	**17**	<11
C11-C22 Aromatics	mg/kg	1000	1000	**49**	<12	**29**	<11
Target PAHs							
Acenaphthene	mg/kg	1000	1000	**0.19**	<0.12	<0.11	<0.11
Acenaphthylene	mg/kg	600	10	<0.11	<0.12	<0.11	<0.11
Anthracene	mg/kg	1000	1000	**0.54**	<0.12	<0.11	<0.11
Benzo(a)anthracene	mg/kg	7	7	**1.7**	<0.12	**0.61**	<0.11
Benzo(a)pyrene	mg/kg	2	2	**1.8**	<0.12	**0.9**	<0.11
Benzo(b)fluoranthene	mg/kg	7	7	**2.2**	<0.12	**1**	<0.11
Benzo(g,h,i)perylene	mg/kg	1000	1000	**1.3**	<0.12	**0.56**	<0.11
Benzo(k)fluoranthene	mg/kg	70	70	**0.74**	<0.12	**0.36**	<0.11
Chrysene	mg/kg	70	70	**2.1**	<0.12	**0.83**	<0.11
Dibenz(a,h)anthracene	mg/kg	0.7	0.7	**0.29**	<0.12	<0.11	<0.11
Fluoranthene	mg/kg	1000	1000	**4.2**	<0.12	**1.3**	<0.11
Fluorene	mg/kg	1000	1000	**0.22**	<0.12	<0.11	<0.11
Indeno(1,2,3-cd)pyrene	mg/kg	7	7	**1.2**	<0.12	**0.54**	<0.11
2-Methylnaphthalene	mg/kg	80	300	<0.11	<0.12	<0.11	<0.11
Naphthalene	mg/kg	20	500	<0.11	<0.12	<0.11	<0.11
Phenanthrene	mg/kg	500	500	**3.4**	<0.12	**0.65**	<0.11
Pyrene	mg/kg	1000	1000	**4.6**	<0.12	**1.4**	<0.11
PCBs							
Aroclor-1254	mg/kg	1	1	**0.21**	<0.089	NT	NT

Abbreviations:
mg/kg = milligram per killiogram
NT = Not Tested
VPH = Volatile Petroleum Hydrocarbons
VOCs = Volatile Organic Compounds

Notes:
< = indicates parameter not detected above laboratory method reporting limit, shown
BOLD Parameter detected above laboratory detection limit
BOLD Parameter equal to or exceeds the applicable standard.
Standards are from Massachusetts Contingency Plan (MCP), 310 CMR 40, April 2014.

Table 3B
Summary of Soil Analytical Results
Supplemental Borings -Ballfield
Conway Park
Somerville, Massachusetts
March 2018

Parameter	Units	Method 1 Cleanup Standards		Sample Identification											
				B103		B104		B105		B106		B107		B108	
		S-1/GW-2	S-1/GW-3	(0-3')	(6-9')	(0-3')	(9-12')	(0-3')	(3-6')	(0-3')	(3-6')	(0-3')	(6-9')	(0-3')	(9-12')
				3/6/2018	3/6/2018	3/7/2018	3/7/2018	3/6/2018	3/6/2018	3/7/2018	3/7/2018	3/6/2018	3/6/2018	3/6/2018	3/6/2018
Metals															
Lead	mg/kg	200	200	64	120	110	60	63	390	17	960	200	770	91	87
PCBs															
Aroclor-1254	mg/kg	1	1	6.3	<0.093	7.1	0.27	4.8	5900	NT	NT	NT	NT	8.3	0.78

Parameter	Units	Method 1 Cleanup Standards		Sample Identification											
				B109		B110		B111		B112		B113		B114	
		S-1/GW-2	S-1/GW-3	(0-3')	(12-15')	(0-3')	(3-6')	(0-3')	(6-9')	(0-3')	(9-12')	(0-3')	(3-6')	(0-3')	(12-15')
				3/6/2018	3/6/2018	3/6/2018	3/6/2018	3/6/2018	3/6/2018	3/6/2018	3/6/2018	3/6/2018	3/6/2018	3/6/2018	3/6/2018
Metals															
Lead	mg/kg	200	200	61	13	250	510	18	190	4.3	64	72	700	44	2.5
PCBs															
Aroclor-1254	mg/kg	1	1	5.8	0.22	NT	NT	2.7	<0.097	NT	NT	NT	NT	<0.089	<0.090

Abbreviations:
mg/kg = milligram per kilogram
NT = Not Tested

Notes:
< = indicates parameter not detected above laboratory method reporting limit, shown
BOLD Parameter detected above laboratory detection limit
BOLD Parameter equal to or exceeds the applicable standard.
Standards are from Massachusetts Contingency Plan (MCP), 310 CMR 40, April 2014.

Table 4A
Summary of Soil Analytical Results
Additional Surficial Sampling
Conway Park - Playground
Somerville, Massachusetts
March 2018

Parameter	Units	Method 1 Cleanup Standards		Sample Identification							
		S-1/GW-2	S-1/GW-3	B101*	B102	B118	B120*	B121	B122	B123	B124
				(0-1')	(0-1')	(0-1')	(0-1')	(0-1')	(0-1')	(0-1')	(0-1')
				3/26/2018	3/26/2018	3/26/2018	3/26/2018	3/26/2018	3/26/2018	3/26/2018	3/26/2018
Metals											
Lead	mg/kg	200	200	NT	NT	**160**	NT	**72**	**60**	**98**	**74**
PCBs											
Aroclor -1254	mg/kg	1	1	<0.33	**1.1**	<0.089	<0.14	**0.48**	**0.10**	**1.9**	**0.20**

Abbreviations:
mg/kg = milligram per kilogram
NT=Not Tested

Notes:
< = indicates parameter not detected above laboratory method reporting limit, shown
BOLD Parameter detected above laboratory detection limit
BOLD Parameter equal to or exceeds the applicable standard.
Standards are from Massachusetts Contingency Plan (MCP), 310 CMR 40, April 2014.
* Mulch Sample

Table 4B
Summary of Soil Analytical Results
Additional Surficial Sampling
Conway Park - Ballfield
Somerville, Massachusetts
March 2018

Parameter	Units	Method 1 Cleanup Standards		Sample Identification						
		S-1/GW-2	S-1/GW-3	B103	B104	B105	B106	B108	B109	B110
				(0-1')	(0-1')	(0-1')	(0-1')	(0-1')	(0-1')	(0-1')
				3/26/2018	3/26/2018	3/26/2018	3/26/2018	3/26/2018	3/26/2018	3/26/2018
Metals										
Lead	mg/kg	200	200	100	110	96	3.8	130	130	13
PCBs										
Aroclor-1254	mg/kg	1	1	**2.8**	**14**	**6.3**	<0.088	**6.6**	**6.4**	0.14

Parameter	Units	Method 1 Cleanup Standards		Sample Identification					
		S-1/GW-2	S-1/GW-3	B111	B112	B113	B115	B116	B117
				(0-1')	(0-1')	(0-1')	(0-1')	(0-1')	(0-1')
				3/26/2018	3/26/2018	3/26/2018	3/26/2018	3/26/2018	3/26/2018
Metals									
Lead	mg/kg	200	200	**160**	**6.3**	**79**	**160**	**15**	**120**
PCBs									
Aroclor-1254	mg/kg	1	1	**14**	<0.086	**7.8**	**6.1**	**0.20**	**2.8**

Abbreviations:
mg/kg = milligram per kilogram
NT=Not Tested

Notes:
< = indicates parameter not detected above laboratory method reporting limit, shown
BOLD Parameter detected above laboratory detection limit
BOLD Parameter equal to or exceeds the applicable standard.
Standards are from Massachusetts Contingency Plan (MCP), 310 CMR 40, April 2014.

Table 5
Summary of Groundwater Analytical Results
Conway Park
Somerville, Massachusetts
March 2018

Parameter	Units	MCP - Method 1 Cleanup Standards		Sample Identification							
				MW-101		MW-102		MW-103		MW-104	
		GW-2	GW-3	3/15/2018	11/21/2018	3/15/2018	11/21/2018	3/15/2018	11/21/2018	3/15/2018	11/21/2018
EPH Fractions											
C9-C18 ALIPHATICS	µg/L	5,000	50,000	<96	NT	<96	NT	<96	NT	<96	NT
C19-C36 ALIPHATICS	µg/L	NS	50,000	<96	NT	<96	NT	<96	NT	<96	NT
C11-C22 AROMATICS	µg/L	50,000	5,000	<96	NT	<96	NT	<96	NT	**720**	NT
Target PAHs											
ACENAPHTHENE	µg/L	NS	10,000	<1.9	NT	<1.9	NT	<1.9	NT	**5.9**	NT
FLUORENE	µg/L	NS	40	<1.9	NT	<1.9	NT	<1.9	NT	**9.7**	NT
NAPHTHALENE	µg/L	700	20,000	<1.9	NT	<1.9	NT	**2.2**	NT	**12**	NT
PHENANTHRENE	µg/L	NS	10,000	<1.9	NT	<1.9	NT	<1.9	NT	**6.4**	NT
VOCs											
ISOPROPYLBENZENE	µg/L	NS	NS	<1.0	NT	<1.0	NT	<1.0	NT	**4.6**	NT
NAPHTHALENE	µg/L	700	20,000	<2.0	NT	<2.0	NT	**3.2**	NT	<2.0	NT
N-BUTYLBENZENE	µg/L	NS	NS	<1.0	NT	<1.0	NT	<1.0	NT	**5.5**	NT
N-PROPYLBENZENE	µg/L	NS	NS	<1.0	NT	<1.0	NT	<1.0	NT	**6.2**	NT
SEC-BUTYLBENZENE	µg/L	NS	NS	<1.0	NT	<1.0	NT	<1.0	NT	**4.2**	NT
TERT-BUTYLBENZENE	µg/L	NS	NS	<1.0	NT	<1.0	NT	<1.0	NT	**1.2**	NT
Dissolved Metals											
ARSENIC	µg/L	NS	900	<2.0	NT	<2.0	NT	<2.0	NT	**13**	NT
BARIUM	µg/L	NS	50,000	**77**	NT	**76**	NT	**130**	NT	**87**	NT
ZINC	µg/L	NS	900	<50	NT	<50	NT	**130**	NT	**210**	NT
PCBs											
Aroclor-1016	µg/L	1	1	NT	<0.19	NT	<0.20	NT	<0.19	NT	<0.20
Aroclor-1221	µg/L	1	1	NT	<0.19	NT	<0.20	NT	<0.19	NT	<0.20
Aroclor-1232	µg/L	1	1	NT	<0.19	NT	<0.20	NT	<0.19	NT	<0.20
Aroclor-1242	µg/L	1	1	NT	<0.19	NT	<0.20	NT	<0.19	NT	<0.20
Aroclor-1248	µg/L	1	1	NT	<0.19	NT	<0.20	NT	<0.19	NT	<0.20
Aroclor-1254	µg/L	1	1	NT	<0.19	NT	<0.20	NT	<0.19	NT	<0.20
Aroclor-1260	µg/L	1	1	NT	<0.19	NT	<0.20	NT	<0.19	NT	<0.20
Aroclor-1262	µg/L	1	1	NT	<0.19	NT	<0.20	NT	<0.19	NT	<0.20
Aroclor-1268	µg/L	1	1	NT	<0.19	NT	<0.20	NT	<0.19	NT	<0.20

Abbreviations:
ug/L = micrograms per Liter
NS=No Standard
NT=Not Tested

Notes:
BOLD Parameter detected above laboratory reporting limit.
BOLD Parameter equal to or exceeds the applicable RCGW-2 standard.
< = indicates parameter not detected above laboratory method reporting limit, shown.
Standards from Massachusetts Contingency Plan (MCP), 310 CMR 40, April 2014.

Table 6
Summary of Concrete Analytical Results - Playground
Conway Park
Somerville, Massachusetts

Parameter	Units	Sample Identification						
		CS-1	CS-2	CS-3	CS-4	CS-5	CS-6	CS-7
		0-0.5"	0-0.5"	0-0.5"	0-0.5"	0-0.5"	0-0.5"	0-0.5"
		7/31/2018	7/31/2018	7/31/2018	7/31/2018	7/31/2018	7/31/2018	7/31/2018
PCBs								
Aroclor-1016	mg/Kg	<0.084	<0.095	<0.088	<0.079	<0.090	<0.096	<0.090
Aroclor-1221	mg/Kg	<0.084	<0.095	<0.088	<0.079	<0.090	<0.096	<0.090
Aroclor-1232	mg/Kg	<0.084	<0.095	<0.088	<0.079	<0.090	<0.096	<0.090
Aroclor-1242	mg/Kg	<0.084	<0.095	<0.088	<0.079	<0.090	<0.096	<0.090
Aroclor-1248	mg/Kg	<0.084	<0.095	<0.088	<0.079	<0.090	<0.096	<0.090
Aroclor-1254	mg/Kg	<0.084	<0.095	<0.088	<0.079	<0.090	<0.096	<0.090
Aroclor-1260	mg/Kg	<0.084	<0.095	<0.088	<0.079	<0.090	<0.096	<0.090
Aroclor-1262	mg/Kg	<0.084	<0.095	<0.088	<0.079	<0.090	<0.096	<0.090
Aroclor-1268	mg/Kg	<0.084	<0.095	<0.088	<0.079	<0.090	<0.096	<0.090
Total PCBs	mg/Kg	<0.084	<0.095	<0.088	<0.079	<0.090	<0.096	<0.090

Notes/Abbreviations:
< = indicates parameter not detected above laboratory method reporting limit, shown
mg/kg = milligram per killiogram

Table 7A
Summary of Soil Analytical Results- PCBs Playground
Conway Park
Somerville, Massachusetts
July 2018

Sample Locations	Depth (ft)	Units	Total PCBs
B-Q-8	0-0.5	mg/kg	ND
	0.5-1.5	mg/kg	ND
	1.5-2.5	mg/kg	ND
	2.5-3.5	mg/kg	ND
B-Q-9	0-0.5	mg/kg	ND
	0.5-1.5	mg/kg	ND
	1.5-2.5	mg/kg	ND
	2.5-3.5	mg/kg	0.38
B-Q-10	0-0.5	mg/kg	1.9
	0.5-1.5	mg/kg	ND
	1.5-2.5	mg/kg	ND
	2.5-3.5	mg/kg	0.79
B-Q-11	0-0.5	mg/kg	ND
	0.5-1.5	mg/kg	1.8
	1.5-2.5	mg/kg	0.15
	2.5-3.5	mg/kg	ND
B-R-3	0-0.5	mg/kg	ND
	0.5-1.5	mg/kg	ND
	1.5-2.5	mg/kg	ND
	2.5-3.5	mg/kg	ND
B-R-4	0-0.5	mg/kg	ND
	0.5-1.5	mg/kg	ND
	1.5-2.5	mg/kg	ND
	2.5-3.5	mg/kg	ND
B-R-5	0-0.5	mg/kg	ND
	0.5-1.5	mg/kg	ND
	1.5-2.5	mg/kg	ND
	2.5-3.5	mg/kg	ND
B-R-6	0-0.5	mg/kg	ND
	0.5-1.5	mg/kg	0.11
	1.5-2.5	mg/kg	0.1
	2.5-3.5	mg/kg	0.13
B-R-7	0-0.5	mg/kg	ND
	0.5-1.5	mg/kg	ND
	1.5-2.5	mg/kg	0.46
	2.5-3.5	mg/kg	0.16

Sample Locations	Depth (ft)	Units	Total PCBs
B-R-11	0-0.5	mg/kg	0.23
	0.5-1.5	mg/kg	ND
	1.5-2.5	mg/kg	ND
	2.5-3.5	mg/kg	ND
B-S-3	0-0.5	mg/kg	ND
	0.5-1.5	mg/kg	ND
	1.5-2.5	mg/kg	ND
	2.5-3.5	mg/kg	ND
B-S-4	0-0.5	mg/kg	ND
	0.5-1.5	mg/kg	ND
	1.5-2.5	mg/kg	ND
	2.5-3.5	mg/kg	ND
B-S-5	0-0.5	mg/kg	ND
	0.5-1.5	mg/kg	0.14
	1.5-2.5	mg/kg	ND
	2.5-3.5	mg/kg	ND
B-S-6	0-0.5	mg/kg	2.6
	0.5-1.5	mg/kg	ND
	1.5-2.5	mg/kg	ND
	2.5-3.5	mg/kg	ND
B-S-7	0-0.5	mg/kg	2.5
	0.5-1.5	mg/kg	0.14
	1.5-2.5	mg/kg	ND
	2.5-3.5	mg/kg	ND
B-S-10	0-0.5	mg/kg	5.1
	0.5-1.5	mg/kg	0.26
	1.5-2.5	mg/kg	ND
	2.5-3.5	mg/kg	ND
B-S-11	0-0.5	mg/kg	4.5
	0.5-1.5	mg/kg	0.18
	1.5-2.5	mg/kg	ND
	2.5-3.5	mg/kg	ND

Abbreviations:
mg/kg = milligram per killiogram
NT = Not Tested
ND = Not Detected

Notes:
BOLD Parameter detected above laboratory detection limit
BOLD Parameter equal to or exceeds 1 mg/kg (MCP Method 1 Standard; TSCA HO Standard)
Standards are from Massachusetts Contingency Plan (MCP), 310 CMR 40, April 2014.

Table 7B
Summary of Soil Analytical Results- PCBs Ballfield
Conway Park
Somerville, Massachusetts
July 2018

Sample ID	Depth(ft)	Units	Total PCBs
B-A-1	0-0.5	mg/kg	6.5
	0.5-1.5	mg/kg	9.5
	1.5-2.5	mg/kg	3.5
	2.5-3.5	mg/kg	26
	3.5-5.5	mg/kg	7.4
	5.5-7.5	mg/kg	ND
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
	11.5-13.5	mg/kg	ND
	13.5-15.5	mg/kg	ND
	15.5-17.5	mg/kg	4.3
	17.5-19.5	mg/kg	ND
B-A-5	0-0.5	mg/kg	1.5
	DUP-1	mg/kg	2.2
	0.5-1.5	mg/kg	3.1
	1.5-2.5	mg/kg	1
	2.5-3.5	mg/kg	0.78
	DUP-8	mg/kg	1
	3.5-5.5	mg/kg	1.9
	5.5-7.5	mg/kg	0.4
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
	11.5-13.5	mg/kg	ND
B-A-7	0-0.5	mg/kg	2.4
	DUP-9	mg/kg	2.6
	0.5-1.5	mg/kg	0.2
	1.5-2.5	mg/kg	1.9
	2.5-3.5	mg/kg	0.661
	3.5-5.5	mg/kg	0.45
	5.5-7.5	mg/kg	1
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
	11.5-13.5	mg/kg	ND
	13.5-15.5	mg/kg	ND
B-A-9	0-0.5	mg/kg	4
	DUP-10	mg/kg	3.3
	0.5-1.5	mg/kg	3.9
	1.5-2.5	mg/kg	2.1
	2.5-3.5	mg/kg	4.3
	3.5-5.5	mg/kg	2.4
	5.5-7.5	mg/kg	0.49
	7.5-9.5	mg/kg	0.18
	9.5-11.5	mg/kg	1.2
	11.5-13.5	mg/kg	ND

Sample ID	Depth(ft)	Units	Total PCBs
B-B-2	0-0.5	mg/kg	2.8
	DUP-5	mg/kg	1.9
	0.5-1.5	mg/kg	74
	1.5-2.5	mg/kg	13
	2.5-3.5	mg/kg	0.64
	3.5-5.5	mg/kg	0.79
	5.5-7.5	mg/kg	3.1
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
	11.5-13.5	mg/kg	ND
	13.5-15.5	mg/kg	ND
B-B-3	0-0.5	mg/kg	0.097
	DUP-3	mg/kg	ND
	0.5-1.5	mg/kg	0.13
	1.5-2.5	mg/kg	0.42
	2.5-3.5	mg/kg	ND
	3.5-5.5	mg/kg	15
	5.5-7.5	mg/kg	0.41
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
	11.5-13.5	mg/kg	ND
B-B-4	0-0.5	mg/kg	ND
	0.5-1.5	mg/kg	ND
	DUP-2	mg/kg	ND
	1.5-2.5	mg/kg	3.2
	2.5-3.5	mg/kg	1.9
	3.5-5.5	mg/kg	0.1
	5.5-7.5	mg/kg	0.92
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
B-B-5	0-0.5	mg/kg	ND
	DUP-4	mg/kg	ND
	0.5-1.5	mg/kg	ND
	1.5-2.5	mg/kg	0.6
	2.5-3.5	mg/kg	2
	3.5-5.5	mg/kg	0.1
	5.5-7.5	mg/kg	ND
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
B-B.5-4	0-0.5	mg/kg	7.8
	0.5-1.5	mg/kg	27
	1.5-2.5	mg/kg	46
	DUP-15	mg/kg	39
	2.5-3.5	mg/kg	13
	3.5-5.5	mg/kg	ND
	5.5-7.5	mg/kg	2.5
	7.5-9.5	mg/kg	40000
	9.5-11.5	mg/kg	8.3

Abbreviations:

mg/kg = milligram per killiogram
NT = Not Tested
ND= Not Detected
NR = No Recovery

Notes:

BOLD Parameter detected above laboratory detection limit
BOLD Parameter equal to or exceeds 1 mg/kg (MCP Method 1 Standard; TSCA HO Standard)
Standards are from Massachusetts Contingency Plan (MCP), 310 CMR 40, April 2014.

Table 7B (cont.)
Summary of Soil Analytical Results- PCBs Ballfield
Conway Park
Somerville, Massachusetts
July 2018

Sample ID	Depth(ft)	Units	Total PCBs
B-C-1	0-0.5	mg/kg	6.6
	0.5-1.5	mg/kg	2.8
	1.5-2.5	mg/kg	1.2
	2.5-3.5	mg/kg	9.3
	3.5-5.5	mg/kg	0.23
	5.5-7.5	mg/kg	ND
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	2.7
	11.5-13.5	mg/kg	ND
	13.5-15.5	mg/kg	ND
	15.5-17.5	mg/kg	ND
B-C-2	0-0.5	mg/kg	4.3
	DUP-11	mg/kg	10
	0.5-1.5	mg/kg	64
	1.5-2.5	mg/kg	1
	2.5-3.5	mg/kg	2.2
	3.5-5.5	mg/kg	0.88
	5.5-7.5	mg/kg	ND
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
	11.5-13.5	mg/kg	ND
B-C-3	0-0.5	mg/kg	16
	0.5-1.5	mg/kg	37
	DUP-12	mg/kg	40
	1.5-2.5	mg/kg	67
	2.5-3.5	mg/kg	11
	3.5-5.5	mg/kg	5.2
	5.5-7.5	mg/kg	2.3
	7.5-9.5	mg/kg	4.4
	9.5-11.5	mg/kg	ND
B-C-3.5	0-0.5	mg/kg	0.55
	DUP-7	mg/kg	0.69
	0.5-1.5	mg/kg	10
	1.5-2.5	mg/kg	13
	2.5-3.5	mg/kg	12000
	3.5-5.5	mg/kg	1900
	5.5-7.5	mg/kg	2600
	7.5-9.5	mg/kg	5.4
	9.5-11.5	mg/kg	0.58
	11.5-13.5	mg/kg	0.21
B-C-4	0-0.5	mg/kg	0.14
	0.5-1.5	mg/kg	3.1
	DUP-16	mg/kg	2.9
	1.5-2.5	mg/kg	0.58
	2.5-3.5	mg/kg	1200
	3.5-5.5	mg/kg	880
	5.5-7.5	mg/kg	30
	7.5-9.5	mg/kg	0.6
	9.5-11.5	mg/kg	0.8
	11.5-13.5	mg/kg	0.26

Sample ID	Depth(ft)	Units	Total PCBs
B-C-4.5	0-0.5	mg/kg	6.9
	0.5-1.5	mg/kg	0.31
	1.5-2.5	mg/kg	1200
	2.5-3.5	mg/kg	1800
	DUP-18	mg/kg	2400
	3.5-5.5	mg/kg	2100
	5.5-7.5	mg/kg	15
	7.5-9.5	mg/kg	0.11
	9.5-11.5	mg/kg	0.28
	11.5-13.5	mg/kg	0.33
B-C-5	0-0.5	mg/kg	0.18
	0.5-1.5	mg/kg	ND
	1.5-2.5	mg/kg	0.36
	2.5-3.5	mg/kg	2.1
	3.5-5.5	mg/kg	0.44
	5.5-7.5	mg/kg	13
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	0.1
	11.5-13.5	mg/kg	0.089
B-C-7	0-0.5	mg/kg	1.4
	0.5-1.5	mg/kg	1.1
	1.5-2.5	mg/kg	3.5
	DUP-19	mg/kg	130
	2.5-3.5	mg/kg	0.12
	3.5-5.5	mg/kg	0.21
	5.5-7.5	mg/kg	11
	7.5-9.5	mg/kg	0.13
	9.5-11.5	mg/kg	ND
B-C-9	0-0.5	mg/kg	5.5
	0.5-1.5	mg/kg	0.14
	1.5-2.5	mg/kg	5.2
	2.5-3.5	mg/kg	0.32
	3.5-5.5	mg/kg	0.58
	5.5-7.5	mg/kg	ND
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
	11.5-13.5	mg/kg	ND
B-C-11	0-0.5	mg/kg	8.3
	0.5-1.5	mg/kg	44
	1.5-2.5	mg/kg	9.1
	DUP-20	mg/kg	22
	2.5-3.5	mg/kg	0.36
	3.5-5.5	mg/kg	0.17
	5.5-7.5	mg/kg	ND
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	4.4

Abbreviations:

mg/kg = milligram per killiogram
NT = Not Tested
ND= Not Detected
NR = No Recovery

Notes:

BOLD Parameter detected above laboratory detection limit
BOLD Parameter equal to or exceeds 1 mg/kg (MCP Method 1 Standard; TSCA HO Standard)
Standards are from Massachusetts Contingency Plan (MCP), 310 CMR 40, April 2014.

Table 7B (cont.)
Summary of Soil Analytical Results- PCBs Ballfield
Conway Park
Somerville, Massachusetts
July 2018

Sample ID	Depth(ft)	Units	Total PCBs
B-C.5-4	0-0.5	mg/kg	0.36
	0.5-1.5	mg/kg	5.8
	DUP-6	mg/kg	0.72
	1.5-2.5	mg/kg	38
	2.5-3.5	mg/kg	9.4
	3.5-5.5	mg/kg	5.42
	5.5-7.5	mg/kg	5.3
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	0.46
	11.5-13.5	mg/kg	ND
B-D-2	0-0.5	mg/kg	5.7
	DUP-17	mg/kg	6.5
	0.5-1.5	mg/kg	20
	1.5-2.5	mg/kg	1.9
	2.5-3.5	mg/kg	160
	3.5-5.5	mg/kg	7.6
	5.5-7.5	mg/kg	12
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
B-D-3	0-0.5	mg/kg	2.3
	0.5-1.5	mg/kg	20
	DUP-14	mg/kg	17
	1.5-2.5	mg/kg	15
	2.5-3.5	mg/kg	11
	3.5-5.5	mg/kg	0.47
	5.5-7.5	mg/kg	0.28
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	0.21
B-D-4	0-0.5	mg/kg	4.5
	0.5-1.5	mg/kg	2.1
	1.5-2.5	mg/kg	28
	2.5-3.5	mg/kg	13
	3.5-5.5	mg/kg	420
	5.5-7.5	mg/kg	140
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
B-D-5	0-0.5	mg/kg	0.88
	0.5-1.5	mg/kg	0.18
	1.5-2.5	mg/kg	3.3
	2.5-3.5	mg/kg	1.9
	3.5-5.5	mg/kg	5900
	5.5-7.5	mg/kg	25
	7.5-9.5	mg/kg	1.3
	9.5-11.5	mg/kg	0.46

Sample ID	Depth(ft)	Units	Total PCBs
B-E-1	0-0.5	mg/kg	5.1
	0.5-1.5	mg/kg	0.31
	1.5-2.5	mg/kg	0.38
	2.5-3.5	mg/kg	0.39
	3.5-5.5	mg/kg	0.16
	5.5-7.5	mg/kg	50
	7.5-9.5	mg/kg	16
	9.5-11.5	mg/kg	49
	11.5-13.5	mg/kg	0.45
	13.5-15.5	mg/kg	0.15
	15.5-17.5	mg/kg	0.96
B-E-3	0-0.5	mg/kg	1.3
	0.5-1.5	mg/kg	0.67
	1.5-2.5	mg/kg	14
	2.5-3.5	mg/kg	1.2
	3.5-5.5	mg/kg	370
	5.5-7.5	mg/kg	ND
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
B-E-4	0-0.5	mg/kg	0.083
	0.5-1.5	mg/kg	ND
	1.5-2.5	mg/kg	2.2
	2.5-3.5	mg/kg	8.9
	3.5-5.5	mg/kg	4.5
	5.5-7.5	mg/kg	0.14
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
B-E-5	0-0.5	mg/kg	ND
	DUP-27	mg/kg	ND
	0.5-1.5	mg/kg	2.9
	1.5-2.5	mg/kg	16
	2.5-3.5	mg/kg	2.8
	3.5-5.5	mg/kg	0.32
	5.5-7.5	mg/kg	ND
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
	11.5-13.5	mg/kg	ND
B-E-7	0-0.5	mg/kg	1.1
	0.5-1.5	mg/kg	2.7
	1.5-2.5	mg/kg	10
	2.5-3.5	mg/kg	33
	3.5-5.5	mg/kg	1.8
	5.5-7.5	mg/kg	0.11
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
	11.5-13.5	mg/kg	ND

Abbreviations:
mg/kg = milligram per killiogram
NT = Not Tested
ND= Not Detected
NR = No Recovery

Notes:
BOLD Parameter detected above laboratory detection limit
BOLD Parameter equal to or exceeds 1 mg/kg (MCP Method 1 Standard; TSCA HO Standard)
Standards are from Massachusetts Contingency Plan (MCP), 310 CMR 40, April 2014.

Table 7B (cont.)
Summary of Soil Analytical Results- PCBs Ballfield
Conway Park
Somerville, Massachusetts
July 2018

Sample ID	Depth(ft)	Units	Total PCBs
B-E-9	0-0.5	mg/kg	8.2
	DUP-28	mg/kg	4.8
	0.5-1.5	mg/kg	ND
	1.5-2.5	mg/kg	1.7
	2.5-3.5	mg/kg	ND
	3.5-5.5	mg/kg	ND
	5.5-7.5	mg/kg	0.29
	7.5-9.5	mg/kg	ND
B-E-11	0-0.5	mg/kg	2
	0.5-1.5	mg/kg	10
	DUP-13	mg/kg	12
	1.5-2.5	mg/kg	0.24
	2.5-3.5	mg/kg	0.38
	3.5-5.5	mg/kg	0.14
	5.5-7.5	mg/kg	0.54
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	0.1
	11.5-13.5	mg/kg	0.34
B-G-1	0-0.5	mg/kg	7.5
	0.5-1.5	mg/kg	15
	1.5-2.5	mg/kg	0.29
	2.5-3.5	mg/kg	0.21
	3.5-5.5	mg/kg	59
	5.5-7.5	mg/kg	0.49
B-G-3	0-0.5	mg/kg	8.5
	0.5-1.5	mg/kg	1.7
	1.5-2.5	mg/kg	3.4
	2.5-3.5	mg/kg	15
	3.5-5.5	mg/kg	20000
	5.5-7.5	mg/kg	2.5
B-G-5	0-0.5	mg/kg	2
	0.5-1.5	mg/kg	ND
	1.5-2.5	mg/kg	15
	2.5-3.5	mg/kg	7.9
	3.5-5.5	mg/kg	ND
	5.5-7.5	mg/kg	ND
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
	11.5-13.5	mg/kg	ND
B-G-7	0-0.5	mg/kg	1.1
	0.5-1.5	mg/kg	0.25
	1.5-2.5	mg/kg	1
	2.5-3.5	mg/kg	3.8
	3.5-5.5	mg/kg	0.3
	5.5-7.5	mg/kg	ND
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
	11.5-13.5	mg/kg	ND

Sample ID	Depth(ft)	Units	Total PCBs
B-G-9	0-0.5	mg/kg	6.2
	0.5-1.5	mg/kg	0.57
	1.5-2.5	mg/kg	2.3
	2.5-3.5	mg/kg	0.1
	3.5-5.5	mg/kg	0.1
	5.5-7.5	mg/kg	0.71
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
B-G-11	0-0.5	mg/kg	3.8
	DUP-29	mg/kg	2.9
	0.5-1.5	mg/kg	0.89
	1.5-2.5	mg/kg	2.5
	2.5-3.5	mg/kg	0.59
	3.5-5.5	mg/kg	6.6
	5.5-7.5	mg/kg	0.55
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
	11.5-13.5	mg/kg	ND
	13.5-15.5	mg/kg	ND
B-I-1	0-0.5	mg/kg	6.9
	0.5-1.5	mg/kg	9.8
	1.5-2.5	mg/kg	8
	2.5-3.5	mg/kg	0.24
	3.5-5.5	mg/kg	1.4
	5.5-7.5	mg/kg	3.9
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
B-I-3	0-0.5	mg/kg	0.13
	0.5-1.5	mg/kg	0.12
	1.5-2.5	mg/kg	0.84
	2.5-3.5	mg/kg	1.28
	3.5-5.5	mg/kg	1.3
	5.5-7.5	mg/kg	0.15
	7.5-9.5	mg/kg	ND
B-I-5	0-0.5	mg/kg	1.6
	0.5-1.5	mg/kg	0.61
	1.5-2.5	mg/kg	0.18
	2.5-3.5	mg/kg	0.25
	3.5-5.5	mg/kg	0.33
	5.5-7.5	mg/kg	ND
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
	11.5-13.5	mg/kg	ND
B-I-7	0-0.5	mg/kg	6.5
	DUP-26	mg/kg	2.2
	0.5-1.5	mg/kg	0.64
	1.5-2.5	mg/kg	ND
	2.5-3.5	mg/kg	1
	3.5-5.5	mg/kg	0.61
	5.5-7.5	mg/kg	0.24

Abbreviations:

mg/kg = milligram per killiogram
NT = Not Tested
ND= Not Detected
NR = No Recovery

Notes:

BOLD Parameter detected above laboratory detection limit
BOLD Parameter equal to or exceeds 1 mg/kg (MCP Method 1 Standard; TSCA HO Standard)
Standards are from Massachusetts Contingency Plan (MCP), 310 CMR 40, April 2014.

Table 7B (cont.)
Summary of Soil Analytical Results- PCBs Ballfield
Conway Park
Somerville, Massachusetts
July 2018

Sample ID	Depth(ft)	Units	Total PCBs
B-I-9	0-0.5	mg/kg	26
	0.5-1.5	mg/kg	0.48
	1.5-2.5	mg/kg	0.12
	2.5-3.5	mg/kg	0.84
	3.5-5.5	mg/kg	0.22
	5.5-7.5	mg/kg	ND
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	0.2
	11.5-13.5	mg/kg	ND
	13.5-15.5	mg/kg	ND
B-I-11	0-0.5	mg/kg	5.7
	0.5-1.5	mg/kg	3.2
	1.5-2.5	mg/kg	ND
	2.5-3.5	mg/kg	ND
	3.5-5.5	mg/kg	0.087
	5.5-7.5	mg/kg	ND
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	0.637
	11.5-13.5	mg/kg	ND
	13.5-15.5	mg/kg	ND
B-K-1	0-0.5	mg/kg	4.4
	0.5-1.5	mg/kg	6
	1.5-2.5	mg/kg	0.21
	2.5-3.5	mg/kg	0.17
	3.5-5.5	mg/kg	ND
	5.5-7.5	mg/kg	ND
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
B-K-3	0-0.5	mg/kg	5
	0.5-1.5	mg/kg	6.3
	1.5-2.5	mg/kg	ND
	2.5-3.5	mg/kg	0.28
	3.5-5.5	mg/kg	1.4
	5.5-7.5	mg/kg	0.77
	7.5-9.5	mg/kg	*NR*
	9.5-11.5	mg/kg	ND
B-K-5	0-0.5	mg/kg	8.4
	0.5-1.5	mg/kg	12
	1.5-2.5	mg/kg	ND
	2.5-3.5	mg/kg	1.4
	3.5-5.5	mg/kg	0.52
	5.5-7.5	mg/kg	0.44
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	0.16
	11.5-13.5	mg/kg	ND

Sample ID	Depth(ft)	Units	Total PCBs
B-K-7	0-0.5	mg/kg	8.8
	DUP-23	mg/kg	7.3
	0.5-1.5	mg/kg	0.47
	1.5-2.5	mg/kg	0.089
	2.5-3.5	mg/kg	1.3
	3.5-5.5	mg/kg	0.35
	5.5-7.5	mg/kg	ND
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
	11.5-13.5	mg/kg	ND
B-K-9	0-0.5	mg/kg	15
	0.5-1.5	mg/kg	1.4
	1.5-2.5	mg/kg	0.12
	2.5-3.5	mg/kg	0.2
	3.5-5.5	mg/kg	ND
	5.5-7.5	mg/kg	1.81
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
	11.5-13.5	mg/kg	ND
B-K-11	0-0.5	mg/kg	10
	0.5-1.5	mg/kg	0.93
	1.5-2.5	mg/kg	0.091
	2.5-3.5	mg/kg	ND
	3.5-5.5	mg/kg	ND
	5.5-7.5	mg/kg	ND
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
B-L-8	0-0.5	mg/kg	26
	0.5-1.5	mg/kg	0.21
	1.5-2.5	mg/kg	0.4
	2.5-3.5	mg/kg	ND
	3.5-5.5	mg/kg	ND
	5.5-7.5	mg/kg	ND
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
B-L-9	0-0.5	mg/kg	14
	0.5-1.5	mg/kg	0.38
	1.5-2.5	mg/kg	0.21
	2.5-3.5	mg/kg	0.097
	3.5-5.5	mg/kg	0.17
	5.5-7.5	mg/kg	ND
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
B-M-1	0-0.5	mg/kg	2.9
	0.5-1.5	mg/kg	3.1
	1.5-2.5	mg/kg	2.3
	2.5-3.5	mg/kg	0.47
	3.5-5.5	mg/kg	ND
	5.5-7.5	mg/kg	ND

Abbreviations:
mg/kg = milligram per killiogram
NT = Not Tested
ND= Not Detected
NR = No Recovery

Notes:
BOLD Parameter detected above laboratory detection limit
BOLD Parameter equal to or exceeds 1 mg/kg (MCP Method 1 Standard; TSCA HO Standard)
Standards are from Massachusetts Contingency Plan (MCP), 310 CMR 40, April 2014.

Table 7B (cont.)
Summary of Soil Analytical Results- PCBs Ballfield
Conway Park
Somerville, Massachusetts
July 2018

Sample ID	Depth(ft)	Units	Total PCBs
B-M-3	0-0.5	mg/kg	11
	DUP-22	mg/kg	1
	0.5-1.5	mg/kg	0.49
	1.5-2.5	mg/kg	0.25
	2.5-3.5	mg/kg	ND
	3.5-5.5	mg/kg	ND
	5.5-7.5	mg/kg	0.42
B-M-5	0-0.5	mg/kg	1.2
	0.5-1.5	mg/kg	0.78
	1.5-2.5	mg/kg	ND
	2.5-3.5	mg/kg	0.12
	3.5-5.5	mg/kg	ND
	5.5-7.5	mg/kg	ND
B-M-7	0-0.5	mg/kg	0.55
	0.5-1.5	mg/kg	24
	1.5-2.5	mg/kg	0.4
	2.5-3.5	mg/kg	0.35
	3.5-5.5	mg/kg	ND
	5.5-7.5	mg/kg	ND
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
	11.5-13.5	mg/kg	ND
B-M-8	0-0.5	mg/kg	ND
	0.5-1.5	mg/kg	0.75
	1.5-2.5	mg/kg	0.31
	2.5-3.5	mg/kg	ND
	3.5-5.5	mg/kg	ND
	5.5-7.5	mg/kg	ND
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
B-M-9	0-0.5	mg/kg	ND
	0.5-1.5	mg/kg	0.19
	1.5-2.5	mg/kg	ND
	2.5-3.5	mg/kg	ND
	3.5-5.5	mg/kg	ND
	5.5-7.5	mg/kg	ND
	7.5-9.5	mg/kg	*NR*
	9.5-11.5	mg/kg	ND
B-M-10	0-0.5	mg/kg	ND
	DUP-24	mg/kg	ND
	0.5-1.5	mg/kg	ND
	1.5-2.5	mg/kg	0.73
	2.5-3.5	mg/kg	0.21
	3.5-5.5	mg/kg	0.096
	5.5-7.5	mg/kg	ND
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
B-M-11	0-0.5	mg/kg	1.1
	0.5-1.5	mg/kg	4
	1.5-2.5	mg/kg	1.9
	2.5-3.5	mg/kg	0.21
	3.5-5.5	mg/kg	0.13
	5.5-7.5	mg/kg	ND
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND

Sample ID	Depth(ft)	Units	Total PCBs
B-N-7	0-0.5	mg/kg	ND
	0.5-1.5	mg/kg	ND
	1.5-2.5	mg/kg	ND
	2.5-3.5	mg/kg	2.8
	3.5-5.5	mg/kg	ND
	5.5-7.5	mg/kg	ND
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
B-N-8	0-0.5	mg/kg	6.3
	0.5-1.5	mg/kg	10
	1.5-2.5	mg/kg	31
	2.5-3.5	mg/kg	4.4
	3.5-5.5	mg/kg	6.4
	5.5-7.5	mg/kg	0.21
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
B-N-9	0-0.5	mg/kg	0.64
	0.5-1.5	mg/kg	7
	1.5-2.5	mg/kg	5.8
	2.5-3.5	mg/kg	0.19
	3.5-5.5	mg/kg	ND
	5.5-7.5	mg/kg	ND
	7.5-9.5	mg/kg	0.14
	9.5-11.5	mg/kg	ND
B-N-10	0-0.5	mg/kg	ND
	0.5-1.5	mg/kg	ND
	1.5-2.5	mg/kg	ND
	2.5-3.5	mg/kg	ND
	3.5-5.5	mg/kg	ND
	5.5-7.5	mg/kg	0.1
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
B-O-1	0-0.5	mg/kg	0.2
	0.5-1.5	mg/kg	0.27
	1.5-2.5	mg/kg	ND
	2.5-3.5	mg/kg	ND
	3.5-5.5	mg/kg	ND
	5.5-7.5	mg/kg	ND
B-O-3	0-0.5	mg/kg	ND
	0.5-1.5	mg/kg	1.5
	1.5-2.5	mg/kg	ND
	2.5-3.5	mg/kg	ND
	3.5-5.5	mg/kg	0.82
	5.5-7.5	mg/kg	ND
	7.5-9.5	mg/kg	ND
B-O-5	0-0.5	mg/kg	0.66
	DUP-21	mg/kg	0.66
	0.5-1.5	mg/kg	0.27
	1.5-2.5	mg/kg	ND
	2.5-3.5	mg/kg	ND
	3.5-5.5	mg/kg	ND
	5.5-7.5	mg/kg	ND

Abbreviations:
mg/kg = milligram per killiogram
NT = Not Tested
ND= Not Detected
NR = No Recovery

Notes:
BOLD Parameter detected above laboratory detection limit
BOLD Parameter equal to or exceeds 1 mg/kg (MCP Method 1 Standard; TSCA HO Standard)
Standards are from Massachusetts Contingency Plan (MCP), 310 CMR 40, April 2014.

Table 7B (cont.)
Summary of Soil Analytical Results- PCBs Ballfield
Conway Park
Somerville, Massachusetts
July 2018

Sample ID	Depth(ft)	Units	Total PCBs
B-O-7	0-0.5	mg/kg	ND
	0.5-1.5	mg/kg	0.24
	1.5-2.5	mg/kg	0.15
	2.5-3.5	mg/kg	0.11
	3.5-5.5	mg/kg	ND
	5.5-7.5	mg/kg	ND
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
B-O-8	0-0.5	mg/kg	9.6
	0.5-1.5	mg/kg	13
	1.5-2.5	mg/kg	0.42
	2.5-3.5	mg/kg	ND
	3.5-5.5	mg/kg	0.14
	5.5-7.5	mg/kg	0.15
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
	11.5-13.5	mg/kg	ND
B-O-9	0-0.5	mg/kg	6.3
	DUP-25	mg/kg	5.7
	0.5-1.5	mg/kg	2.3
	1.5-2.5	mg/kg	0.24
	2.5-3.5	mg/kg	0.22
	3.5-5.5	mg/kg	ND
	5.5-7.5	mg/kg	ND
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND
B-O-10	0-0.5	mg/kg	ND
	0.5-1.5	mg/kg	ND
	1.5-2.5	mg/kg	ND
	2.5-3.5	mg/kg	1.1
	3.5-5.5	mg/kg	ND
	5.5-7.5	mg/kg	ND
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND

Sample ID	Depth(ft)	Units	Total PCBs
B-O-11	0-0.5	mg/kg	3.8
	0.5-1.5	mg/kg	0.08
	1.5-2.5	mg/kg	ND
	2.5-3.5	mg/kg	ND
	3.5-5.5	mg/kg	ND
	5.5-7.5	mg/kg	ND
B-P-8	0-0.5	mg/kg	3.4
	0.5-1.5	mg/kg	0.8
	1.5-2.5	mg/kg	0.91
	2.5-3.5	mg/kg	3.3
	3.5-5.5	mg/kg	0.15
	5.5-7.5	mg/kg	ND
	7.5-9.5	mg/kg	0.91
	9.5-11.5	mg/kg	ND
B-P-9	0-0.5	mg/kg	3.5
	0.5-1.5	mg/kg	6.1
	1.5-2.5	mg/kg	ND
	2.5-3.5	mg/kg	ND
	3.5-5.5	mg/kg	ND
	5.5-7.5	mg/kg	0.26
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	0.29
	11.5-13.5	mg/kg	ND
B-P-10	0-0.5	mg/kg	0.39
	0.5-1.5	mg/kg	3.7
	1.5-2.5	mg/kg	0.35
	2.5-3.5	mg/kg	ND
	3.5-5.5	mg/kg	ND
	5.5-7.5	mg/kg	0.39
	7.5-9.5	mg/kg	ND
	9.5-11.5	mg/kg	ND

Abbreviations:

mg/kg = milligram per killiogram
NT = Not Tested
ND= Not Detected
NR = No Recovery

Notes:

BOLD Parameter detected above laboratory detection limit
BOLD Parameter equal to or exceeds 1 mg/kg (MCP Method 1 Standard; TSCA HO Standard)
Standards are from Massachusetts Contingency Plan (MCP), 310 CMR 40, April 2014.

Table 8A
Summary of Soil Analytical Results - Lead Playground
Conway Park
Somerville, Massachusetts
July 2018

Sample Locations	Depth (ft)	Units	Lead
B-Q-8	0-0.5	mg/kg	120
	0.5-1.5	mg/kg	82
	1.5-2.5	mg/kg	82
	2.5-3.5	mg/kg	61
B-Q-9	0-0.5	mg/kg	100
	0.5-1.5	mg/kg	85
	1.5-2.5	mg/kg	37
	2.5-3.5	mg/kg	41
B-Q-10	0-0.5	mg/kg	98
	0.5-1.5	mg/kg	77
	1.5-2.5	mg/kg	120
	2.5-3.5	mg/kg	110
B-Q-11	0-0.5	mg/kg	87
	0.5-1.5	mg/kg	160
	1.5-2.5	mg/kg	38
	2.5-3.5	mg/kg	85
B-R-3	0-0.5	mg/kg	43
	0.5-1.5	mg/kg	43
	1.5-2.5	mg/kg	53
	2.5-3.5	mg/kg	41
B-R-4	0-0.5	mg/kg	77
	0.5-1.5	mg/kg	130
	1.5-2.5	mg/kg	100
	2.5-3.5	mg/kg	45
B-R-5	0-0.5	mg/kg	8.7
	0.5-1.5	mg/kg	110
	1.5-2.5	mg/kg	94
	2.5-3.5	mg/kg	150
B-R-6	0-0.5	mg/kg	200
	0.5-1.5	mg/kg	190
	1.5-2.5	mg/kg	98
	2.5-3.5	mg/kg	130
B-R-7	0-0.5	mg/kg	80
	0.5-1.5	mg/kg	110
	1.5-2.5	mg/kg	130
	2.5-3.5	mg/kg	280

Sample Locations	Depth (ft)	Units	Lead
B-R-11	0-0.5	mg/kg	65
	0.5-1.5	mg/kg	22
	1.5-2.5	mg/kg	150
	2.5-3.5	mg/kg	180
B-S-3	0-0.5	mg/kg	8.5
	0.5-1.5	mg/kg	30
	1.5-2.5	mg/kg	42
	2.5-3.5	mg/kg	32
B-S-4	0-0.5	mg/kg	12
	0.5-1.5	mg/kg	41
	1.5-2.5	mg/kg	110
	2.5-3.5	mg/kg	56
B-S-5	0-0.5	mg/kg	14
	0.5-1.5	mg/kg	5.2
	1.5-2.5	mg/kg	15
	2.5-3.5	mg/kg	11
B-S-6	0-0.5	mg/kg	110
	0.5-1.5	mg/kg	35
	1.5-2.5	mg/kg	68
	2.5-3.5	mg/kg	58
B-S-7	0-0.5	mg/kg	140
	0.5-1.5	mg/kg	140
	1.5-2.5	mg/kg	210
	2.5-3.5	mg/kg	190
B-S-10	0-0.5	mg/kg	130
	0.5-1.5	mg/kg	96
	1.5-2.5	mg/kg	99
	2.5-3.5	mg/kg	110
B-S-11	0-0.5	mg/kg	140
	0.5-1.5	mg/kg	120
	1.5-2.5	mg/kg	34
	2.5-3.5	mg/kg	8.6

Abbreviations:
mg/kg = milligram per killiogram

Notes:
BOLD Parameter detected above laboratory detection limit
BOLD Parameter equal to or exceeds 200 mg/kg (MCP Method 1 Standard)
Standards are from Massachusetts Contingency Plan (MCP), 310 CMR 40, April 2014.

Table 8B
Summary of Soil Analytical Results- Lead Ballfield
Conway Park
Somerville, Massachusetts
July 2018

Sample ID	Depth(ft)	Units	Lead
B-A-1	0-0.5	mg/kg	150
	0.5-1.5	mg/kg	130
	1.5-2.5	mg/kg	150
	2.5-3.5	mg/kg	260
	3.5-5.5	mg/kg	430
	5.5-7.5	mg/kg	120
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
	11.5-13.5	mg/kg	NT
	13.5-15.5	mg/kg	NT
	15.5-17.5	mg/kg	NT
	17.5-19.5	mg/kg	NT
B-A-5	0-0.5	mg/kg	110
	DUP-1	mg/kg	130
	0.5-1.5	mg/kg	320
	1.5-2.5	mg/kg	400
	2.5-3.5	mg/kg	400
	DUP-8	mg/kg	370
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
	11.5-13.5	mg/kg	NT
B-A-7	0-0.5	mg/kg	110
	DUP-9	mg/kg	130
	0.5-1.5	mg/kg	260
	1.5-2.5	mg/kg	1200
	2.5-3.5	mg/kg	670
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
	11.5-13.5	mg/kg	NT
	13.5-15.5	mg/kg	NT
B-A-9	0-0.5	mg/kg	140
	DUP-10	mg/kg	61
	0.5-1.5	mg/kg	98
	1.5-2.5	mg/kg	310
	2.5-3.5	mg/kg	350
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
	11.5-13.5	mg/kg	NT

Sample ID	Depth(ft)	Units	Lead
B-B-2	0-0.5	mg/kg	18
	DUP-5	mg/kg	28
	0.5-1.5	mg/kg	140
	1.5-2.5	mg/kg	180
	2.5-3.5	mg/kg	170
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
	11.5-13.5	mg/kg	NT
	13.5-15.5	mg/kg	NT
B-B-3	0-0.5	mg/kg	7.6
	DUP-3	mg/kg	9.4
	0.5-1.5	mg/kg	5.9
	1.5-2.5	mg/kg	20
	2.5-3.5	mg/kg	9.9
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
	11.5-13.5	mg/kg	NT
B-B-4	0-0.5	mg/kg	9.7
	0.5-1.5	mg/kg	6.5
	DUP-2	mg/kg	6.1
	1.5-2.5	mg/kg	39
	2.5-3.5	mg/kg	43
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
B-B-5	0-0.5	mg/kg	11
	DUP-4	mg/kg	8.4
	0.5-1.5	mg/kg	6.2
	1.5-2.5	mg/kg	5.6
	2.5-3.5	mg/kg	51
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
B-B.5-4	0-0.5	mg/kg	150
	0.5-1.5	mg/kg	110
	1.5-2.5	mg/kg	120
	DUP-7	mg/kg	300
	2.5-3.5	mg/kg	1100
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT

Abbreviations:

mg/kg = milligram per killiogram
NT = Not Tested
ND= Not Detected
NR = No Recovery

Notes:

BOLD Parameter detected above laboratory detection limit
BOLD Parameter exceeds the applicable RCS-1 threshold
Standards are from Massachusetts Contingency Plan (MCP), 310 CMR 40, April 2014.

Table 8B (cont.)
Summary of Soil Analytical Results- Lead Ballfield
Conway Park
Somerville, Massachusetts
July 2018

Sample ID	Depth(ft)	Units	Lead
B-C-1	0-0.5	mg/kg	170
	0.5-1.5	mg/kg	92
	1.5-2.5	mg/kg	300
	2.5-3.5	mg/kg	320
	3.5-5.5	mg/kg	220
	5.5-7.5	mg/kg	160
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
	11.5-13.5	mg/kg	NT
	13.5-15.5	mg/kg	NT
	15.5-17.5	mg/kg	NT
B-C-2	0-0.5	mg/kg	96
	DUP-12	mg/kg	NT
	0.5-1.5	mg/kg	270
	1.5-2.5	mg/kg	14
	2.5-3.5	mg/kg	540
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
	11.5-13.5	mg/kg	NT
B-C-3	0-0.5	mg/kg	230
	0.5-1.5	mg/kg	270
	DUP-13	mg/kg	NT
	1.5-2.5	mg/kg	140
	2.5-3.5	mg/kg	400
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
B-C-3.5	0-0.5	mg/kg	12
	DUP-16	mg/kg	NT
	0.5-1.5	mg/kg	83
	1.5-2.5	mg/kg	58
	2.5-3.5	mg/kg	310
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
	11.5-13.5	mg/kg	NT
B-C-4	0-0.5	mg/kg	8.7
	0.5-1.5	mg/kg	39
	DUP-17	mg/kg	NT
	1.5-2.5	mg/kg	35
	2.5-3.5	mg/kg	590
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
	11.5-13.5	mg/kg	NT

Sample ID	Depth(ft)	Units	Lead
B-C-4.5	0-0.5	mg/kg	250
	0.5-1.5	mg/kg	12
	1.5-2.5	mg/kg	460
	2.5-3.5	mg/kg	830
	DUP-18	mg/kg	NT
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
	11.5-13.5	mg/kg	NT
B-C-5	0-0.5	mg/kg	11
	0.5-1.5	mg/kg	3.6
	1.5-2.5	mg/kg	13
	2.5-3.5	mg/kg	28
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
	11.5-13.5	mg/kg	3.2
B-C-7	0-0.5	mg/kg	150
	0.5-1.5	mg/kg	200
	1.5-2.5	mg/kg	67
	DUP-19	mg/kg	NT
	2.5-3.5	mg/kg	510
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
B-C-9	0-0.5	mg/kg	130
	0.5-1.5	mg/kg	14
	1.5-2.5	mg/kg	20
	2.5-3.5	mg/kg	19
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
	11.5-13.5	mg/kg	NT
B-C-11	0-0.5	mg/kg	120
	0.5-1.5	mg/kg	230
	1.5-2.5	mg/kg	270
	DUP-20	mg/kg	NT
	2.5-3.5	mg/kg	310
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT

Abbreviations:

mg/kg = milligram per killiogram
NT = Not Tested
ND= Not Detected
NR = No Recovery

Notes:

BOLD Parameter detected above laboratory detection limit
BOLD Parameter exceeds the applicable RCS-1 threshold
Standards are from Massachusetts Contingency Plan (MCP), 310 CMR 40, April 2014.

Table 8B (cont.)
Summary of Soil Analytical Results- Lead Ballfield
Conway Park
Somerville, Massachusetts
July 2018

Sample ID	Depth(ft)	Units	Lead
B-C.5-4	0-0.5	mg/kg	18
	0.5-1.5	mg/kg	110
	DUP-6	mg/kg	55
	1.5-2.5	mg/kg	540
	2.5-3.5	mg/kg	200
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
	11.5-13.5	mg/kg	NT
B-D-2	0-0.5	mg/kg	33
	DUP-11	mg/kg	NT
	0.5-1.5	mg/kg	160
	1.5-2.5	mg/kg	20
	2.5-3.5	mg/kg	330
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
B-D-3	0-0.5	mg/kg	39
	0.5-1.5	mg/kg	170
	DUP-15	mg/kg	NT
	1.5-2.5	mg/kg	100
	2.5-3.5	mg/kg	370
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
B-D-4	0-0.5	mg/kg	130
	0.5-1.5	mg/kg	33
	1.5-2.5	mg/kg	82
	2.5-3.5	mg/kg	2400
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
B-D-5	0-0.5	mg/kg	33
	0.5-1.5	mg/kg	7.2
	1.5-2.5	mg/kg	20
	2.5-3.5	mg/kg	200
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT

Sample ID	Depth(ft)	Units	Lead
B-E-1	0-0.5	mg/kg	150
	0.5-1.5	mg/kg	120
	1.5-2.5	mg/kg	74
	2.5-3.5	mg/kg	170
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
	11.5-13.5	mg/kg	NT
	13.5-15.5	mg/kg	NT
	15.5-17.5	mg/kg	NT
B-E-3	0-0.5	mg/kg	11
	0.5-1.5	mg/kg	11
	1.5-2.5	mg/kg	82
	2.5-3.5	mg/kg	330
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
B-E-4	0-0.5	mg/kg	NT
	0.5-1.5	mg/kg	12
	1.5-2.5	mg/kg	32
	2.5-3.5	mg/kg	210
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
B-E-5	0-0.5	mg/kg	6.6
	DUP-27	mg/kg	9.5
	0.5-1.5	mg/kg	38
	1.5-2.5	mg/kg	NT
	2.5-3.5	mg/kg	NT
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
	11.5-13.5	mg/kg	NT
B-E-7	0-0.5	mg/kg	66
	0.5-1.5	mg/kg	150
	1.5-2.5	mg/kg	320
	2.5-3.5	mg/kg	570
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
	11.5-13.5	mg/kg	NT

Abbreviations:

mg/kg = milligram per killiogram
NT = Not Tested
ND= Not Detected
NR = No Recovery

Notes:

BOLD Parameter detected above laboratory detection limit
BOLD Parameter exceeds the applicable RCS-1 threshold
Standards are from Massachusetts Contingency Plan (MCP), 310 CMR 40, April 2014.

Table 8B (cont.)
Summary of Soil Analytical Results- Lead Ballfield
Conway Park
Somerville, Massachusetts
July 2018

Sample ID	Depth(ft)	Units	Lead
B-E-9	0-0.5	mg/kg	100
	DUP-28	mg/kg	100
	0.5-1.5	mg/kg	3.9
	1.5-2.5	mg/kg	100
	2.5-3.5	mg/kg	28
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
B-E-11	0-0.5	mg/kg	350
	0.5-1.5	mg/kg	300
	DUP-14	mg/kg	NT
	1.5-2.5	mg/kg	23
	2.5-3.5	mg/kg	270
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
	11.5-13.5	mg/kg	NT
B-G-1	0-0.5	mg/kg	160
	0.5-1.5	mg/kg	210
	1.5-2.5	mg/kg	220
	2.5-3.5	mg/kg	320
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
B-G-3	0-0.5	mg/kg	60
	0.5-1.5	mg/kg	13
	1.5-2.5	mg/kg	70
	2.5-3.5	mg/kg	190
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
B-G-5	0-0.5	mg/kg	60
	0.5-1.5	mg/kg	13
	1.5-2.5	mg/kg	250
	2.5-3.5	mg/kg	210
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
	11.5-13.5	mg/kg	NT
B-G-7	0-0.5	mg/kg	70
	0.5-1.5	mg/kg	23
	1.5-2.5	mg/kg	240
	2.5-3.5	mg/kg	670
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
	11.5-13.5	mg/kg	NT

Sample ID	Depth(ft)	Units	Lead
B-G-9	0-0.5	mg/kg	110
	0.5-1.5	mg/kg	20
	1.5-2.5	mg/kg	470
	2.5-3.5	mg/kg	310
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	990
B-G-11	0-0.5	mg/kg	140
	DUP-29	mg/kg	130
	0.5-1.5	mg/kg	42
	1.5-2.5	mg/kg	350
	2.5-3.5	mg/kg	130
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
	11.5-13.5	mg/kg	NT
	13.5-15.5	mg/kg	NT
B-I-1	0-0.5	mg/kg	NT
	0.5-1.5	mg/kg	NT
	1.5-2.5	mg/kg	NT
	2.5-3.5	mg/kg	NT
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
B-I-3	0-0.5	mg/kg	57
	0.5-1.5	mg/kg	16
	1.5-2.5	mg/kg	160
	2.5-3.5	mg/kg	300
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	22
B-I-5	0-0.5	mg/kg	70
	0.5-1.5	mg/kg	30
	1.5-2.5	mg/kg	160
	2.5-3.5	mg/kg	350
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
	11.5-13.5	mg/kg	NT
B-I-7	0-0.5	mg/kg	130
	DUP-26	mg/kg	67
	0.5-1.5	mg/kg	42
	1.5-2.5	mg/kg	6
	2.5-3.5	mg/kg	76
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT

Abbreviations:
mg/kg = milligram per killiogram
NT = Not Tested
ND= Not Detected
NR = No Recovery

Notes:
BOLD Parameter detected above laboratory detection limit
BOLD Parameter exceeds the applicable RCS-1 threshold
Standards are from Massachusetts Contingency Plan (MCP), 310 CMR 40, April 2014.

Table 8B (cont.)
Summary of Soil Analytical Results- Lead Ballfield
Conway Park
Somerville, Massachusetts
July 2018

Sample ID	Depth(ft)	Units	Lead
B-I-9	0-0.5	mg/kg	300
	0.5-1.5	mg/kg	18
	1.5-2.5	mg/kg	7.2
	2.5-3.5	mg/kg	880
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
	11.5-13.5	mg/kg	NT
	13.5-15.5	mg/kg	NT
B-I-11	0-0.5	mg/kg	180
	0.5-1.5	mg/kg	850
	1.5-2.5	mg/kg	300
	2.5-3.5	mg/kg	6
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
	11.5-13.5	mg/kg	NT
	13.5-15.5	mg/kg	NT
B-K-1	0-0.5	mg/kg	120
	0.5-1.5	mg/kg	32
	1.5-2.5	mg/kg	77
	2.5-3.5	mg/kg	410
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
B-K-3	0-0.5	mg/kg	150
	0.5-1.5	mg/kg	220
	1.5-2.5	mg/kg	3.6
	2.5-3.5	mg/kg	180
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
B-K-5	0-0.5	mg/kg	110
	0.5-1.5	mg/kg	180
	1.5-2.5	mg/kg	6.2
	2.5-3.5	mg/kg	170
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
	11.5-13.5	mg/kg	NT

Sample ID	Depth(ft)	Units	Lead
B-K-7	0-0.5	mg/kg	230
	DUP-23	mg/kg	190
	0.5-1.5	mg/kg	54
	1.5-2.5	mg/kg	4.4
	2.5-3.5	mg/kg	340
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
	11.5-13.5	mg/kg	NT
B-K-9	0-0.5	mg/kg	240
	0.5-1.5	mg/kg	91
	1.5-2.5	mg/kg	43
	2.5-3.5	mg/kg	700
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
	11.5-13.5	mg/kg	NT
B-K-11	0-0.5	mg/kg	230
	0.5-1.5	mg/kg	22
	1.5-2.5	mg/kg	43
	2.5-3.5	mg/kg	180
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	2.8
B-L-8	0-0.5	mg/kg	260
	0.5-1.5	mg/kg	26
	1.5-2.5	mg/kg	470
	2.5-3.5	mg/kg	NT
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
B-L-9	0-0.5	mg/kg	200
	0.5-1.5	mg/kg	5.9
	1.5-2.5	mg/kg	64
	2.5-3.5	mg/kg	2200
	3.5-5.5	mg/kg	370
	5.5-7.5	mg/kg	390
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
B-M-1	0-0.5	mg/kg	120
	0.5-1.5	mg/kg	130
	1.5-2.5	mg/kg	140
	2.5-3.5	mg/kg	130
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT

Abbreviations:
mg/kg = milligram per killiogram
NT = Not Tested
ND= Not Detected
NR = No Recovery

Notes:
BOLD Parameter detected above laboratory detection limit
BOLD Parameter exceeds the applicable RCS-1 threshold
Standards are from Massachusetts Contingency Plan (MCP), 310 CMR 40, April 2014.

Table 8B (cont.)
Summary of Soil Analytical Results- Lead Ballfield
Conway Park
Somerville, Massachusetts
July 2018

Sample ID	Depth(ft)	Units	Lead
B-M-3	0-0.5	mg/kg	250
	DUP-22	mg/kg	52
	0.5-1.5	mg/kg	7.5
	1.5-2.5	mg/kg	270
	2.5-3.5	mg/kg	220
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
B-M-5	0-0.5	mg/kg	52
	0.5-1.5	mg/kg	52
	1.5-2.5	mg/kg	8.8
	2.5-3.5	mg/kg	130
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
B-M-7	0-0.5	mg/kg	23
	0.5-1.5	mg/kg	410
	1.5-2.5	mg/kg	51
	2.5-3.5	mg/kg	290
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
	11.5-13.5	mg/kg	NT
B-M-8	0-0.5	mg/kg	9.8
	0.5-1.5	mg/kg	25
	1.5-2.5	mg/kg	7.3
	2.5-3.5	mg/kg	57
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
B-M-9	0-0.5	mg/kg	7.6
	0.5-1.5	mg/kg	13
	1.5-2.5	mg/kg	110
	2.5-3.5	mg/kg	22
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NR
	9.5-11.5	mg/kg	ND
B-M-10	0-0.5	mg/kg	6.2
	DUP-24	mg/kg	8.7
	0.5-1.5	mg/kg	19
	1.5-2.5	mg/kg	27
	2.5-3.5	mg/kg	67
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
B-M-11	0-0.5	mg/kg	55
	0.5-1.5	mg/kg	170
	1.5-2.5	mg/kg	72
	2.5-3.5	mg/kg	29
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT

Sample ID	Depth(ft)	Units	Lead
B-N-7	0-0.5	mg/kg	8.1
	0.5-1.5	mg/kg	2.8
	1.5-2.5	mg/kg	4.1
	2.5-3.5	mg/kg	120
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
B-N-8	0-0.5	mg/kg	170
	0.5-1.5	mg/kg	230
	1.5-2.5	mg/kg	320
	2.5-3.5	mg/kg	220
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
B-N-9	0-0.5	mg/kg	40
	0.5-1.5	mg/kg	150
	1.5-2.5	mg/kg	270
	2.5-3.5	mg/kg	160
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
B-N-10	0-0.5	mg/kg	7.2
	0.5-1.5	mg/kg	5.6
	1.5-2.5	mg/kg	13
	2.5-3.5	mg/kg	17
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
B-O-1	0-0.5	mg/kg	54
	0.5-1.5	mg/kg	30
	1.5-2.5	mg/kg	11
	2.5-3.5	mg/kg	19
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
B-O-3	0-0.5	mg/kg	12
	0.5-1.5	mg/kg	89
	1.5-2.5	mg/kg	1500
	2.5-3.5	mg/kg	240
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
B-O-5	0-0.5	mg/kg	52
	DUP-21	mg/kg	39
	0.5-1.5	mg/kg	26
	1.5-2.5	mg/kg	8.7
	2.5-3.5	mg/kg	73
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	5.3

Abbreviations:
mg/kg = milligram per killiogram
NT = Not Tested
ND= Not Detected
NR = No Recovery

Notes:
BOLD Parameter detected above laboratory detection limit
BOLD Parameter exceeds the applicable RCS-1 threshold
Standards are from Massachusetts Contingency Plan (MCP), 310 CMR 40, April 2014.

Table 8B (cont.)
Summary of Soil Analytical Results- Lead Ballfield
Conway Park
Somerville, Massachusetts
July 2018

Sample ID	Depth(ft)	Units	Lead
B-O-7	0-0.5	mg/kg	9.9
	0.5-1.5	mg/kg	10
	1.5-2.5	mg/kg	31
	2.5-3.5	mg/kg	180
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
B-O-8	0-0.5	mg/kg	140
	0.5-1.5	mg/kg	180
	1.5-2.5	mg/kg	71
	2.5-3.5	mg/kg	29
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
	11.5-13.5	mg/kg	NT
B-O-9	0-0.5	mg/kg	190
	DUP-25	mg/kg	150
	0.5-1.5	mg/kg	65
	1.5-2.5	mg/kg	39
	2.5-3.5	mg/kg	220
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
B-O-10	0-0.5	mg/kg	7.1
	0.5-1.5	mg/kg	3.5
	1.5-2.5	mg/kg	11
	2.5-3.5	mg/kg	190
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT

Sample ID	Depth(ft)	Units	Lead
B-O-11	0-0.5	mg/kg	190
	0.5-1.5	mg/kg	5.1
	1.5-2.5	mg/kg	28
	2.5-3.5	mg/kg	34
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
B-P-8	0-0.5	mg/kg	130
	0.5-1.5	mg/kg	130
	1.5-2.5	mg/kg	74
	2.5-3.5	mg/kg	73
	3.5-5.5	mg/kg	600
	5.5-7.5	mg/kg	1200
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
B-P-9	0-0.5	mg/kg	110
	0.5-1.5	mg/kg	150
	1.5-2.5	mg/kg	35
	2.5-3.5	mg/kg	32
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT
	11.5-13.5	mg/kg	NT
B-P-10	0-0.5	mg/kg	29
	0.5-1.5	mg/kg	160
	1.5-2.5	mg/kg	32
	2.5-3.5	mg/kg	10
	3.5-5.5	mg/kg	NT
	5.5-7.5	mg/kg	NT
	7.5-9.5	mg/kg	NT
	9.5-11.5	mg/kg	NT

Abbreviations:
mg/kg = milligram per killio
NT = Not Tested
ND= Not Detected
NR = No Recovery

Notes:
BOLD — Parameter detected above laboratory detection limit
BOLD — Parameter exceeds the applicable RCS-1 threshold
Standards are from Massachusetts Contingency Plan (MCP), 310 CMR 40, April 2014.

ATTACHMENT A
Soil Boring Logs

Weston & Sampson℠

PROJECT	REPORT OF Probe No.	P-1
Project Name	SHEET 1 OF 1	
Project Name	Project No.	2170709
City/Town, MA	CHKD BY	Joseph Spencer

BORING Co.	New England Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REP:	Taylor Smith	DATE START 11/1/17	DATE END 11/1/17

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
0		1	36/60	0-5	N/A	0	Dark brown silty SAND with organics		TOPSOIL
							Dark brown to grey SAND; trace silt, organics		
5		2	36/60	5-10		5.6			SAND FILL
							Brown to grey silty SAND		
10		3	30/60	10-12.5		0			
							EOB at 12.5		
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB - End of Boring
Refusal at 12.5 feet

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS PROBE LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

PROBE No. P-1

Weston & Sampson℠

PROJECT	REPORT OF Probe No.	P-2
Project Name	SHEET 1	OF 1
Project Name	Project No.	2170709
City/Town, MA	CHKD BY	Joseph Spencer

BORING Co.	New England Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REP:	Taylor Smith	DATE START 11/1/17	DATE END 11/1/17

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
0		1	55/60	0-5	N/A	0.3	Dark brown silty SAND with organics		TOPSOIL
							Light to dark brown SAND; trace silt, glass, fractured rock		SAND FILL
5		2	40/60	5-10		0			
10		3	55/60	10-15		3.5	Light to dark brown SAND; trace silt, brick, wood		
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB - End of Boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS PROBE LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

PROBE No. P-2

Weston & Sampson

PROJECT	REPORT OF Probe No.	P-3
Project Name	SHEET 1 OF 1	
Project Name	Project No.	2170709
City/Town, MA	CHKD BY	Joseph Spencer

BORING Co.	New England Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REP:	Taylor Smith	DATE START 11/1/17	DATE END 11/1/17

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
0		1	55/60	0-5	N/A	0.2	Dark brown silty SAND with organics		TOPSOIL
5		2	48/60	5-10		0.2	Light to dark brown SAND; trace silt, brick, fractured rock, concrete; rust layer at 8-9 feet		SAND FILL
10		3	36/60	10-13		3.5	Light to dark grey SAND; trace silt, brick, fractured rock, concrete		
15							EOB at 13		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB - End of Boring
Refusal at 13 feet

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS PROBE LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

PROBE No. P-3

Weston & Sampson

PROJECT	REPORT OF Probe No.	P-4
Project Name	SHEET 1 OF 1	
Project Name	Project No.	2170709
City/Town, MA	CHKD BY	Joseph Spencer

BORING Co.	New England Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REP:	Taylor Smith	DATE START 11/1/17	DATE END 11/1/17

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
0		1	48/60	0-5	N/A	0.3	Dark brown silty SAND with organics		TOPSOIL
5		2	48/60	5-10		1.5	Light to dark brown SAND; trace silt, brick, concrete, ash, fractured rock		SAND FILL
10		3	50/60	10-15		3.5			
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB - End of Boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS PROBE LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

PROBE No. P-4

Weston & Sampson

PROJECT	REPORT OF Probe No.	P-5
Project Name	SHEET 1 OF 1	
Project Name	Project No.	2170709
City/Town, MA	CHKD BY	Joseph Spencer

BORING Co.	New England Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REP:	Taylor Smith	DATE START 11/1/17	DATE END 11/1/17

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
0		1	48/60	0-5	N/A	0	Dark brown silty SAND with organics		TOPSOIL
5		2	48/60	5-10		0	Light to dark brown SAND; trace silt, fractured rock, brick, concrete, slag		SAND FILL
10		3	48/60	10-15		3.5			
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB - End of Boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS PROBE LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

PROBE No. P-5

Weston & Sampson

PROJECT	REPORT OF Probe No.	P-6
Project Name	SHEET 1 OF 1	
Project Name	Project No.	2170709
City/Town, MA	CHKD BY	Joseph Spencer

BORING Co.	New England Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REP:	Taylor Smith	DATE START 11/1/17	DATE END 11/1/17

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
0		1	48/60	0-5	N/A	1.2	Dark brown silty SAND with organics		TOPSOIL
							Light to dark brown SAND; trace silt, brick, slag, concrete, ash, coal		SAND FILL
5		2	48/60	5-10		0.3			
10		3	55/60	10-15		3.5	Light brown SAND; trace silt, brick, slag, concrete, ash, coal		
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB - End of Boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS PROBE LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

PROBE No. P-6

Weston & Sampson

PROJECT	REPORT OF Probe No.	P-7
Project Name	SHEET 1	OF 1
Project Name	Project No.	2170709
City/Town, MA	CHKD BY	Joseph Spencer

BORING Co.	New England Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REP:	Taylor Smith	DATE START 11/1/17	DATE END 11/1/17

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
0		1	48/60	0-5	N/A	0.1	Dark brown silty SAND with organics		TOPSOIL
							Light to dark brown SAN; trace silt, brick, ash, fractured rock		SAND FILL
5		2	48/60	5-10		0	Dark brown SAND; trace silt, ash, slag, clinkers, fractured rock; rust layer at 9-10 feet		
10		3	60/60	10-15		3.5	Light brown SAND; trace silt		
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB - End of Boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS PROBE LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

PROBE No. P-7

Weston & Sampson

PROJECT	REPORT OF Probe No.	P-8
Project Name	SHEET 1 OF 1	
Project Name	Project No.	2170709
City/Town, MA	CHKD BY	Joseph Spencer

BORING Co.	New England Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REP:	Taylor Smith	DATE START 11/1/17	DATE END 11/1/17

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
0		1	36/60	0-5	N/A	0.1	Dark brown silty SAND with organics		TOPSOIL
5		2	24/60	5-10		0	Light to dark brown SAND; trace silt, concrete, fractured rock		SAND FILL
10		3	60/60	10-15		0			
15							EOB at 15		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB - End of Boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS PROBE LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

PROBE No. P-8

Weston & Sampson

PROJECT	REPORT OF Probe No.	B-101
Project Name	SHEET 1 OF 1	
Project Name	Project No.	2170709
City/Town, MA	CHKD BY	Joseph Spencer

BORING Co.	New England Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REP:	Taylor Smith	DATE START 3/6/18	DATE END 3/7/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
0		1	40/60	0-5	N/A	0.1	6 inches wood chips		WOOD CHIPS
							Brown fine to medium SAND		SAND FILL
							Brown fine to medium SAND		SAND
5		2	55/60	5-10		0.3	Tan medium SAND		
10		3	60/60	10-15		0.2	Tan medium SAND; some silt		
15							EOB @ 15 feet BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB - End of Boring
Took DUP1 here
Converted to MW-101

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS PROBE LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

PROBE No. B-101

Weston & Sampson

PROJECT	REPORT OF Probe No.	B-102
Project Name	SHEET 1 OF 1	
Project Name	Project No.	2170709
City/Town, MA	CHKD BY	Joseph Spencer

BORING Co.	New England Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REP:	Taylor Smith	DATE START 3/6/18	DATE END 3/7/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
0		1	40/60	0-5	N/A	0.3	6 inches brown fine to medium SAND 6 inches concrete		TOPSOIL SAND FILL
5		2	40/60	5-10		0.4	Light brown fine to medium SAND Tan medium SAND		SAND
10		3	55/60	10-15		0.5	Tan medium SAND; some silt		
15							EOB @ 15 feet BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB - End of Boring
Converted to MW-102

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS PROBE LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

PROBE No. B-102

Weston & Sampson

PROJECT	REPORT OF Probe No.	B-103
Project Name	SHEET 1 OF 1	
Project Name	Project No.	2170709
City/Town, MA	CHKD BY	Joseph Spencer

BORING Co.	New England Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REP:	Taylor Smith	DATE START 3/6/18	DATE END 3/7/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
0		1	50/60	0-5	N/A	0.1	Dark brown fine to medium SAND; some organics		TOPSOIL
							Brown medium SAND		SAND FILL
5		2	40/60	5-10		0.2	Dark brown fine to coarse SAND; some gravel, brick, glass		
10		3	20/60	10-15		0.1	Light brown fine to medium SAND; some silt, gravel		SAND
15							EOB @ 15 feet BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB - End of Boring
Converted to MW-103

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS PROBE LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

PROBE No. B-103

Weston & Sampson	PROJECT Project Name Project Name City/Town, MA	REPORT OF Probe No. SHEET 1 OF 1 Project No. CHKD BY	B-104 2170709 Joseph Spencer

BORING Co.	New England Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REP:	Taylor Smith	DATE START 3/6/18	DATE END 3/7/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
0		1	40/60	0-5	N/A	0.2	6 inches brown medium SAND 6 inches light brown medium SAND		TOPSOIL
5		2	55/60	5-10		1.2	Dark brown fine to medium SAND; some brick, concrete		SAND FILL
10		3	60/60	10-15		5.2	CONCRETE Dark brown fine to medium SAND; some brick, concrete		CONCRETE SAND FILL
15							Grey SAND; some silt EOB @ 15 feet BGS		SAND
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB - End of Boring
Converted to MW-104

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS PROBE LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

PROBE No. B-104

Weston & Sampson	PROJECT Project Name Project Name City/Town, MA	REPORT OF Probe No. B-106 SHEET 1 OF 1 Project No. 2170709 CHKD BY Joseph Spencer	

BORING Co.	New England Geotech	BORING LOCATION	See attached plan		
FOREMAN	Maynor	GROUND SURFACE ELEV.		DATUM	
WSE REP:	Taylor Smith	DATE START	3/6/18	DATE END	3/7/18

SAMPLER:	Geoprobe 6610DT track mounted rig
	DT 22 Sampler 2.25 inch
CASING:	DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE:	2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
0		1	50/60	0-5	N/A	0	6 inches light brown SAND 6 inches dark brown fine to medium SAND 6 inches light brown SAND Dark brown fine to medium SAND; some gravel		BASEBALL DIAMOND SAND
5		2	30/60	5-10		0.3	Dark brown fine to medium SAND; some gravel; trace brick, coal ash, wood Dark brown fine to medium SAND; some gravel; trace brick, coal ash		SAND FILL
10		3	60/60	10-15		21.6			
15							Grey silty SAND EOB @ 15 feet BGS		SILTY SAND
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:

EOB - End of Boring
Petroleum odor present

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.

ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS PROBE LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

PROBE No. B-106

Weston & Sampson

PROJECT		REPORT OF Probe No.	B-106
Project Name		SHEET 1 OF 1	
Project Name		Project No.	2170709
City/Town, MA		CHKD BY	Joseph Spencer

BORING Co.	New England Geotech	BORING LOCATION	See attached plan		
FOREMAN	Maynor	GROUND SURFACE ELEV.		DATUM	
WSE REP:	Taylor Smith	DATE START	3/6/18	DATE END	3/7/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
0		1	50/60	0-5	N/A	0.7	Medium brown SAND		TOPSOIL
5		2	20/60	5-10		1.2	Dark brown fine to medium SAND; some debris, metal		SAND FILL
10		3	35/60	10-15		60.4	BRICK		BRICK
							Grey fine to medium SAND; some silt		SAND
15							EOB @ 15 feet BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB - End of Boring
Petroleum odor present

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS PROBE LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

PROBE No. B-106

Weston & Sampson

PROJECT	REPORT OF Probe No.	B-107
Project Name	SHEET 1 OF 1	
Project Name	Project No.	2170709
City/Town, MA	CHKD BY	Joseph Spencer

BORING Co.	New England Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REP:	Taylor Smith	DATE START 3/6/18	DATE END 3/7/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
0		1	25/60	0-5	N/A	0.1	6 inches dark brown fine to medium SAND 6 inches tan medium SAND		TOPSOIL
5		2	30/60	5-10		0.2	Dark brown fine to medium SAND; some gravel, wood, metal		SAND FILL
10		3	30/60	10-15		0.2			
15							EOB @ 15 feet BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB - End of Boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS PROBE LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

PROBE No. B-107

Weston & Sampson

PROJECT	REPORT OF Probe No.	B-108
Project Name	SHEET 1 OF 1	
Project Name	Project No.	2170709
City/Town, MA	CHKD BY	Joseph Spencer

BORING Co.	New England Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REP:	Taylor Smith	DATE START 3/6/18	DATE END 3/7/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
0		1	55/60	0-5	N/A	0.1	Dark brown fine to medium SAND		TOPSOIL
							Brown medium SAND		
							Dark brown fine to coarse SAND		
5		2	50/60	5-10		0.4			SAND FILL
10		3	40/60	10-15		5.6	Dark brown fine to coarse SAND; some gravel; trace light brown sand		
15							EOB @ 15 feet BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB - End of Boring
Petroleum odor present

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS PROBE LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

PROBE No. B-108

Weston & Sampson

PROJECT	REPORT OF Probe No.	B-109
Project Name	SHEET 1 OF 1	
Project Name	Project No.	2170709
City/Town, MA	CHKD BY	Joseph Spencer

BORING Co.	New England Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REP:	Taylor Smith	DATE START 3/6/18	DATE END 3/7/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
0		1	40/60	0-5	N/A	0.1	Dark brown silty SAND		TOPSOIL
							Brown medium SAND		
							Dark brown fine to coarse SAND; some brick, wire, glass		
5		2	15/60	5-10		0.4			SAND FILL
10		3	20/60	10-15		7.8	Dark brown fine to coarse SAND; some gravel, brick, wire, glass		
15							EOB @ 15 feet BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB - End of Boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS PROBE LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

PROBE No. B-109

Weston & Sampson

PROJECT	REPORT OF Probe No.	B-110
Project Name	SHEET 1 OF 1	
Project Name	Project No.	2170709
City/Town, MA	CHKD BY	Joseph Spencer

BORING Co.	New England Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REP:	Taylor Smith	DATE START 3/6/18	DATE END 3/7/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
0		1	55/60	0-5	N/A	0.1	Brown fine to medium SAND		TOPSOIL
							Brown medium SAND		
							Dark brown fine to medium SAND; some brick, gravel, coal		SAND FILL
5		2	34/60	5-10		0.4			
							BRICK		BRICK
10		3	40/60	10-15		0.3	Medium tan SAND		SAND
15							EOB @ 15 feet BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB - End of Boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS PROBE LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

PROBE No. B-110

Weston & Sampson

PROJECT	REPORT OF Probe No.	B-111
Project Name	SHEET 1 OF 1	
Project Name	Project No.	2170709
City/Town, MA	CHKD BY	Joseph Spencer

BORING Co.	New England Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REP:	Taylor Smith	DATE START 3/6/18	DATE END 3/7/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
0		1	50/60	0-5	N/A	0.1	Brown fine to medium SAND		TOPSOIL
							Brown medium SAND		
							Dark brown fine to coarse SAND; some coal		SAND FILL
5		2	50/60	5-10		0.2			
10		3	50/60	10-15		0.4	Brown medium SAND		SAND
							Grey medium SAND		
15							EOB @ 15 feet BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB - End of Boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS PROBE LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

PROBE No. B-111

Weston & Sampson	PROJECT Project Name Project Name City/Town, MA	REPORT OF Probe No. B-112 SHEET 1 OF 1 Project No. 2170709 CHKD BY Joseph Spencer	

BORING Co.	New England Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REP:	Taylor Smith	DATE START 3/6/18	DATE END 3/7/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
0		1	35/60	0-5	N/A	0.2	Brown medium SAND		BASEBALL DIAMOND SAND
5		2	40/60	5-10		0.1	Dark brown fine to coarse SAND; some brick, gravel Brown fine to medium SAND; some brick, gravel		SAND FILL
10		3	55/60	10-15		0.2	Tan medium SAND		SAND
15							EOB @ 15 feet BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB - End of Boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS PROBE LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

PROBE No. B-112

Weston & Sampson	PROJECT Project Name Project Name City/Town, MA	REPORT OF Probe No. B-113 SHEET 1 OF 1 Project No. 2170709 CHKD BY Joseph Spencer	

BORING Co.	New England Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REP:	Taylor Smith	DATE START 3/6/18	DATE END 3/7/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
0		1	40/60	0-5	N/A	0.1	Dark brown fine to medium SAND		TOPSOIL
							Light brown medium SAND		SAND FILL
							Dark brown fine to coarse SAND		
							CONCRETE		CONCRETE
5		2	30/60	5-10		0.2	Dark brown fine to coarse SAND; some brick, stone		SAND FILL
10		3	50/60	10-15		0.1	Grey/brown medium SAND		SAND
15							EOB @ 15 feet BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB - End of Boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS PROBE LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

PROBE No. B-113

Weston & Sampson

PROJECT	REPORT OF Probe No.	B-114
Project Name	SHEET 1 OF 1	
Project Name	Project No.	2170709
City/Town, MA	CHKD BY	Joseph Spencer

BORING Co.	New England Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REP:	Taylor Smith	DATE START 3/6/18	DATE END 3/7/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
0		1	40/60	0-5	N/A	0.1	Dark brown fine to medium SAND		TOPSOIL
							Brown medium SAND		
							Dark brown fine to medium SAND		SAND FILL
5		2	45/60	5-10		0.2			
10		3	50/60	10-15		0.2	Tan medium SAND		SAND
15							EOB @ 15 feet BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB - End of Boring
Petroleum odor

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS PROBE LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

PROBE No. B-114

Weston & Sampson

PROJECT	REPORT OF BORING No.	B-A-1
Conway Park Somerville, MA	SHEET 1 OF 1 Project No. 2180123 CHKD BY Joseph Spencer	

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/24/18	DATE END 7/24/18

SAMPLER:	Geoprobe 6610DT track mounted rig
	DT 22 Sampler 2.25 inch
CASING:	DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE:	2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1	45/60	0-5		N/A	Topsoil		TOPSOIL
							Brown fine to coarse SAND fill; some concrete, trace coal, brick		FILL
5		S-2		5-10			Concrete		
							Dark brown fine SAND		
							Tan medium SAND		
10		S-3		10-15			Gray fine to medium fine SAND; petroleum staining		
							Gray medium SAND		
15		S-5		15-20			Brown fine to coarse SAND		
							Tan SILT		SILT
20							EOB @ 20 ft. BGS		
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring
Petroleum odor

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson SM

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-A-5

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan		
FOREMAN	Maynor	GROUND SURFACE ELEV.		DATUM	
WSE REPRESENTATIVE:	Taylor Smith	DATE START	7/27/18	DATE END	7/27/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Tan medium SAND fill		
5		S-2		5-10			Dark brown fine to coarse SAND fill		FILL
10		S-3		10-15					
							Grey medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-A-5

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-A-7

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/27/18	DATE END 7/27/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
5		S-2		5-10			Dark brown fine to coarse SAND fill		FILL
10		S-3		10-15					
15							Grey medium SAND		SAND
							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-A-9

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/27/18	DATE END 7/27/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Light brown medium SAND fill		
5		S-2		5-10			Dark brown fine to coarse SAND fill		FILL
10		S-3		10-15			Gray medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson SM

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-B-2

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/27/18	DATE END 7/27/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Light brown medium SAND fill		FILL
5		S-6		5-10			Dark brown fine to coarse SAND fill		
10		S-9		10-15					
15							Gray medium SAND		SAND
							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-B-2

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-B-3

SHEET 1 OF 1

Project No. 2180123

CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/27/18	DATE END 7/27/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch

CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Light brown medium SAND fill		FILL
5		S-2		5-10			Dark brown fine to coarse SAND fill		
10		S-3		10-15			Grey medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-B-3

Weston & Sampson

PROJECT	REPORT OF BORING No.	B-B-4
Conway Park Somerville, MA	SHEET 1 OF 1 Project No. 2180123 CHKD BY Joseph Spencer	

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/27/18	DATE END 7/27/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Light brown medium SAND fill		FILL
5		S-2		5-10			Dark brown fine to coarse SAND fill		
10		S-3		10-15			Gray medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring
Petroleum odor

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-B-4

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-B-5

SHEET 1 OF 1

Project No. 2180123

CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/27/18	DATE END 7/27/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch

CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Light brown medium SAND fill		FILL
5		S-2		5-10			Dark brown fine to coarse SAND fill		
10		S-3		10-15			Gray medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS

BLOWS/FT	DENSITY
0-4	V. LOOSE
4-10	LOOSE
10-30	M. DENSE
30-50	DENSE
> 50	V. DENSE

COHESIVE SOILS

BLOWS/FT	DENSITY
0-2	V. SOFT
2-4	SOFT
4-8	M. STIFF
8-15	STIFF
15-30	V. STIFF
> 30	HARD

NOTES:
EOB- End of boring
Petroleum odor

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-B-5

Weston & Sampson

PROJECT	REPORT OF BORING No.	B-B.5-4
Conway Park Somerville, MA	SHEET 1 OF 1 Project No. 2180123 CHKD BY Joseph Spencer	

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/27/18	DATE END 7/27/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Brown medium SAND fill		
5		S-2		5-10			Dark brown fine to coarse SAND fill		FILL
10		S-3		10-15			Grey fine SAND; some silt		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring
Petroleum odor

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-B.5-4

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-C-1

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/24/18	DATE END 7/24/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1	45/60	0-5		N/A	Topsoil		TOPSOIL
							Brown/gray fine to medium SAND fill; some concrete, gravel, fabric, brick		FILL
5		S-2	35/60	5-10			Grey silty SAND fill, some gravel, brick		
10		S-3		10-15			Dark grey silty SAND fill		
15		S-4		15-20			Brown/gray fine to coarse SAND fill		
							Tan SILT		SILT
20							EOB @ 20 ft. BGS		
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring
Petroleum odor

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-C-1

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-C-2

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/27/18	DATE END 7/27/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Brown/gray fine to medium SAND fill		
5		S-2		5-10			Grey silty SAND fill, some gravel, brick		FILL
10		S-3		10-15			Gray fine to medium SAND; some silt		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring
Petroleum odor

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-C-2

Weston & Sampson

PROJECT	REPORT OF BORING No.	B-C-3
Conway Park Somerville, MA	SHEET 1 OF 1 Project No. 2180123 CHKD BY Joseph Spencer	

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/27/18	DATE END 7/27/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Brown medium SAND fill		
5		S-2		5-10			Dark brown fine to coarse SAND fill		FILL
10		S-3		10-15			Gray fine SAND; some silt		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring
Petroleum odor

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-C-3

Weston & Sampson SM

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-C-3.5

SHEET 1 OF 1

Project No. 2180123

CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/27/18	DATE END 7/27/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch

CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Brown medium SAND fill Dark brown fine to medium SAND fill Light brown medium SAND fill		FILL
5		S-2		5-10			Dark brown fine to coarse SAND fill; some concrete, glass		
10		S-3		10-15					
							Gray fine SAND; some silt		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring
Petroleum odor

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT	REPORT OF BORING No.	B-C-4
Conway Park Somerville, MA	SHEET 1 OF 1 Project No. 2180123 CHKD BY Joseph Spencer	

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/27/18	DATE END 7/27/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Light brown medium SAND fill		FILL
5		S-2		5-10			Dark brown fine to coarse SAND fill		
10		S-3		10-15			Gray medium SAND; some silt		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring
Petroleum odor

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-C-4

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-C-4.5

SHEET 1 OF 1

Project No. 2180123

CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/27/18	DATE END 7/27/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch

CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Light brown medium SAND fill		FILL
5		S-2		5-10			Dark brown fine to coarse SAND fill		
10		S-3		10-15			Gray medium SAND; some silt		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring
Petroleum odor

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT	REPORT OF BORING No.	B-C-5
Conway Park Somerville, MA	SHEET 1 OF 1 Project No. 2180123 CHKD BY Joseph Spencer	

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/27/18	DATE END 7/27/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Light brown medium SAND fill		FILL
5		S-2		5-10			Dark brown fine to coarse SAND fill		
10		S-3		10-15			Gray medium SAND; some silt		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring
Petroleum odor

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-C-5

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-C-7

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/27/18	DATE END 7/27/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Light brown medium SAND fill		
5		S-2		5-10			Dark brown fine to coarse SAND fill; some glass, debris		FILL
10		S-3		10-15			Gray medium SAND; some silt		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring
Petroleum odor

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-C-7

Weston & Sampson SM

PROJECT	REPORT OF BORING No.	B-C-9
Conway Park Somerville, MA	SHEET 1 OF 1 Project No. 2180123 CHKD BY Joseph Spencer	

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/27/18	DATE END 7/27/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Light brown medium SAND fill		
5		S-2		5-10			Dark brown fine to coarse SAND fill		FILL
10		S-3		10-15					
							Gray medium SAND; some silt		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-C-9

Weston & Sampson

PROJECT	REPORT OF BORING No.	B-C-11
Conway Park Somerville, MA	SHEET 1 OF 1 Project No. 2180123 CHKD BY Joseph Spencer	

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/27/18	DATE END 7/27/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
5		S-2		5-10			Brown fine to coarse SAND fill		FILL
10		S-3		10-15			Brown medium SAND; some silt		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-C-11

Weston & Sampson SM

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-C-4

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/27/18	DATE END 7/27/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Light brown medium SAND fill		
5		S-2		5-10			Dark brown fine to coarse SAND fill		FILL
10		S-3		10-15					
							Gray medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring
Petroleum odor

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-C-4

Weston & Sampson

PROJECT	REPORT OF BORING No.	B-D-2
Conway Park Somerville, MA	SHEET 1 OF 1 Project No. 2180123 CHKD BY Joseph Spencer	

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/27/18	DATE END 7/27/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Brown medium SAND fill		
5		S-2		5-10			Dark brown fine to coarse SAND fill		FILL
10		S-3		10-15			Gray fine to medium SAND; some silt		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring
Petroleum odor

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-D-2

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-D-3

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan		
FOREMAN	Maynor	GROUND SURFACE ELEV.		DATUM	
WSE REPRESENTATIVE:	Taylor Smith	DATE START	7/27/18	DATE END	7/27/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Tan medium SAND fill		
5		S-2		5-10			Dark brown fine to coarse SAND fill		FILL
10		S-3		10-15			Gray fine SAND; some silt		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring
Petroleum odor

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-D-3

Weston & Sampson

PROJECT	REPORT OF BORING No.	B-D-4
Conway Park Somerville, MA	SHEET 1 OF 1 Project No. 2180123 CHKD BY Joseph Spencer	

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/27/18	DATE END 7/27/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Light brown medium SAND fill		
							Dark brown fine to coarse SAND fill		FILL
5		S-2		5-10					
							Brick		
							Dark brown fine to coarse SAND fill		
							Concrete		
10		S-3		10-15			Gray fine SAND; some silt		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring
Petroleum odor

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-D-4

Weston & Sampson

PROJECT	REPORT OF BORING No.	B-D-5
Conway Park Somerville, MA	SHEET 1 OF 1 Project No. 2180123 CHKD BY Joseph Spencer	

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/27/18	DATE END 7/27/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Light brown medium SAND fill		TOPSOIL
5		S-2		5-10			Dark brown fine to coarse SAND fill		
10		S-3		10-15			Gray fine SAND; some silt		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring
Petroleum odor

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-D-5

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-E-1

SHEET 1 OF 1

Project No. 2180123

CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/26/18	DATE END 7/26/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch

CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
5		S-2		5-10			Dark brown fine to coarse SAND fill; some silt, coal, wood, brick, metal		FILL
10		S-3		10-15					
15		S-4		15-20			Gray medium SAND		SAND
20							EOB @ 20 ft. BGS		
25									
30									

GRANULAR SOILS

BLOWS/FT	DENSITY
0-4	V. LOOSE
4-10	LOOSE
10-30	M. DENSE
30-50	DENSE
> 50	V. DENSE

COHESIVE SOILS

BLOWS/FT	DENSITY
0-2	V. SOFT
2-4	SOFT
4-8	M. STIFF
8-15	STIFF
15-30	V. STIFF
> 30	HARD

NOTES:
EOB- End of boring
Petroleum odor

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-E-1

Weston & Sampson

PROJECT	REPORT OF BORING No.	B-E-3
Conway Park Somerville, MA	SHEET 1 OF 1 Project No. 2180123 CHKD BY Joseph Spencer	

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/26/18	DATE END 7/27/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Dark brown fine SAND fill		
							Brick		
5		S-2		5-10			Dark brown fine to coarse SAND fill; some fractured rock, brick		FILL
10		S-3		10-15			Gray medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring
Petroleum odor

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-E-4

SHEET 1 OF 1

Project No. 2180123

CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/27/18	DATE END 7/27/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch

CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
5		S-2		5-10			Dark brown fine to coarse SAND fill; some fractured rock		FILL
10		S-3		10-15			Brown medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring
Petroleum odor

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-E-4

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-E-5

SHEET 1 OF 1

Project No. 2180123

CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/26/18	DATE END 7/26/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch

CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
5		S-2		5-10			Dark brown fine to coarse SAND fill; some fractured rock, concrete, brick, coal, gravel		FILL
10		S-3		10-15			Gray medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring
Petroleum odor

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-E-5

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-E-7

SHEET 1 OF 1

Project No. 2180123

CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/26/18	DATE END 7/26/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch

CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
5		S-2		5-10			Dark brown fine to coarse SAND fill		FILL
10		S-3		10-15			Gray medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-E-7

Weston & Sampson

PROJECT	REPORT OF BORING No.	B-E-9
Conway Park Somerville, MA	SHEET 1 OF 1 Project No. 2180123 CHKD BY Joseph Spencer	

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/26/18	DATE END 7/26/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Light brown medium SAND fill		
							Gray medium SAND fill		FILL
5		S-2		5-10			Brown fine to coarse SAND fill; some silt, brick, concrete		
10		S-3		10-15			Gray medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-E-9

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-E-11

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/27/18	DATE END 7/27/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
5		S-2		5-10			Dark brown fine to coarse SAND fill; some concrete, brick, concrete, gravel		FILL
10		S-3		10-15			Gray medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-E-11

Weston & Sampson SM

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-G-1

SHEET 1 OF 1

Project No. 2180123

CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/26/18	DATE END 7/26/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch

CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Light brown medium SAND		
5		S-2		5-7			Dark brown fine to coarse SAND fill; some silt, brick, cardboard		FILL
							Refusal @ 7 ft. BGS		
10		S-3							
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-G-1

Weston & Sampson SM

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-G-3

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan		
FOREMAN	Maynor	GROUND SURFACE ELEV.		DATUM	
WSE REPRESENTATIVE:	Taylor Smith	DATE START	7/26/18	DATE END	7/26/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Light brown medium SAND		
5		S-2		5-7			Dark brown fine to coarse SAND fill; some silt, brick, cardboard		FILL
							Refusal @ 7 ft. BGS		
10		S-3							
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-G-5

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan		
FOREMAN	Maynor	GROUND SURFACE ELEV.		DATUM	
WSE REPRESENTATIVE:	Taylor Smith	DATE START	7/26/18	DATE END	7/26/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Light brown medium SAND		
5		S-2		5-10			Dark brown fine to coarse SAND fill; some silt, brick		FILL
10		S-3		10-15					
							Light brown medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-G-5

Weston & Sampson SM

PROJECT	REPORT OF BORING No.	B-G-7
Conway Park Somerville, MA	SHEET 1 OF 1 Project No. 2180123 CHKD BY Joseph Spencer	

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/26/18	DATE END 7/26/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Light brown medium SAND		
5		S-2		5-10			Dark gray fine to coarse SAND fill; some silt, brick, coal, concrete		FILL
							Brown fine to coarse stained SAND fill; some brick, coal, □		
10		S-3		10-15			□		
							Light brown medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-G-7

Weston & Sampson SM

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-G-9

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan		
FOREMAN	Maynor	GROUND SURFACE ELEV.		DATUM	
WSE REPRESENTATIVE:	Taylor Smith	DATE START	7/26/18	DATE END	7/26/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Light brown medium SAND		
							Concrete		
5		S-2		5-10			Brown fine to coarse SAND fill; some silt, brick, concrete		FILL
10		S-3		10-12					
							Refusal @ 12 ft. BGS		
15									
20									
25									
30									

GRANULAR SOILS	
BLOWS/FT	DENSITY
0-4	V. LOOSE
4-10	LOOSE
10-30	M. DENSE
30-50	DENSE
> 50	V. DENSE

COHESIVE SOILS	
BLOWS/FT	DENSITY
0-2	V. SOFT
2-4	SOFT
4-8	M. STIFF
8-15	STIFF
15-30	V. STIFF
> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-G-9

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-G-11

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan		
FOREMAN	Maynor	GROUND SURFACE ELEV.		DATUM	
WSE REPRESENTATIVE:	Taylor Smith	DATE START	7/26/18	DATE END	7/26/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Light brown medium SAND		
5		S-2		5-10			Dark brown fine to coarse SAND fill; some silt, brick, coal		FILL
10		S-3		10-15					
							Gray medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-G-11

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-I-1

SHEET 1 OF 1

Project No. 2180123

CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/26/18	DATE END 7/26/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch

CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
5		S-2		5-10			Brown fine to coarse SAND fill; some gravel, brick, coal, fractured rock		FILL
10		S-3		10-15			Brown medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-I-1

Weston & Sampson

PROJECT	REPORT OF BORING No.	B-I-3
Conway Park Somerville, MA	SHEET 1 OF 1 Project No. 2180123 CHKD BY Joseph Spencer	

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/26/18	DATE END 7/26/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Light brown medium SAND; some gravel		
5		S-2		5-10			Brown fine to coarse SAND fill; some gravel, brick, fractured rock		FILL
10		S-3		10-15			Light brown medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-I-3

Weston & Sampson SM

PROJECT	REPORT OF BORING No.	B-I-5
Conway Park Somerville, MA	SHEET 1 OF 1 Project No. 2180123 CHKD BY Joseph Spencer	

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/26/18	DATE END 7/26/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Brown fine to coarse SAND fill; some silt, brick, coal, fractured rock		FILL
5		S-2		5-10			Concrete		
							Tan medium SAND; some fractured rock		
10		S-3		10-15			Fractured rock		
							Light brown medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-I-5

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-I-7

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/26/18	DATE END 7/26/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Light brown fine to medium SAND		
5		S-2		5-7			Dark brown fine to coarse SAND fill; some silt		FILL
							Refusal @ 7 ft. BGS		
10									
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-I-9

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/26/18	DATE END 7/26/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Light brown medium SAND		
							Dark brown fine to coarse SAND fill; some coal, fractured rock		FILL
5		S-2		5-10			Brown medium SAND		
10		S-3		10-15			Dark brown fine to coarse SAND fill; some ash, coal, fractured rock		SAND
							Brown medium SAND		
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS	
BLOWS/FT	DENSITY
0-4	V. LOOSE
4-10	LOOSE
10-30	M. DENSE
30-50	DENSE
> 50	V. DENSE

COHESIVE SOILS	
BLOWS/FT	DENSITY
0-2	V. SOFT
2-4	SOFT
4-8	M. STIFF
8-15	STIFF
15-30	V. STIFF
> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-I-9

Weston & Sampson℠

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-I-11

SHEET 1 OF 1

Project No. 2180123

CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/26/18	DATE END 7/26/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch

CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Dark brown fine to coarse SAND fill; some brick		
							Tan fine to medium SAND		
5		S-2		5-10			Dark brown fine to coarse SAND fill; some silt		FILL
10		S-3		10-15					
							Light brown medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS

BLOWS/FT	DENSITY
0-4	V. LOOSE
4-10	LOOSE
10-30	M. DENSE
30-50	DENSE
> 50	V. DENSE

COHESIVE SOILS

BLOWS/FT	DENSITY
0-2	V. SOFT
2-4	SOFT
4-8	M. STIFF
8-15	STIFF
15-30	V. STIFF
> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-K-1

SHEET 1 OF 1

Project No. 2180123

CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/25/18	DATE END 7/25/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch

CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Medium brown SAND; some gravel		
5		S-2		5-10			Brown fine to coarse SAND fill; some brick, coal, silt, glass, coal ash		FILL
10		S-3		10-15			Light brown medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-K-1

Weston & Sampson

PROJECT	REPORT OF BORING No.	B-K-3
Conway Park Somerville, MA	SHEET 1 OF 1 Project No. 2180123 CHKD BY Joseph Spencer	

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/25/18	DATE END 7/25/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Light brown medium SAND		
5		S-2		5-10			Brown fine to coarse SAND fill; some wood, fractured rock		FILL
							Brick		
							Concrete		
10		S-3		10-15			Light brown medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-K-3

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-K-5

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/25/18	DATE END 7/25/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Light brown medium SAND		
5		S-2		5-10			Brown fine to coarse SAND fill; some coal, brick, glass		FILL
10		S-3		10-15					
							Light brown medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-K-5

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-K-7

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/25/18	DATE END 7/25/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Light brown medium SAND		
5		S-2		5-10			Brown fine to coarse SAND fill; some coal, brick, glass, slag, coal ash, fractured rock, pink debris		FILL
10		S-3		10-15					
							Brown medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-K-7

Weston & Sampson

PROJECT	REPORT OF BORING No.	B-K-9
Conway Park Somerville, MA	SHEET 1 OF 1 Project No. 2180123 CHKD BY Joseph Spencer	

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/25/18	DATE END 7/25/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Brown medium SAND		
5		S-2		5-10			Brown fine to coarse SAND fill; some coal, silt, fractured rock		FILL
							Brick		
10		S-3		10-15			Brown fine to coarse SAND fill; some coal, silt, fractured rock		
							Brown medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-K-9

Weston & Sampson

PROJECT	REPORT OF BORING No.	B-K-11
Conway Park Somerville, MA	SHEET 1 OF 1 Project No. 2180123 CHKD BY Joseph Spencer	

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/25/18	DATE END 7/25/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Light brown medium SAND		
5		S-2		5-10			Brown fine to coarse SAND fill; some coal, silt, fractured rock		FILL
10		S-3		10-15			Brown medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-K-11

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-L-8

SHEET 1 OF 1

Project No. 2180123

CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/25/18	DATE END 7/25/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch

CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Light brown medium SAND; some fractured rock		
5		S-2		5-10			Dark brown fine to coarse SAND fill; some coal, coal ash, some glass		FILL
10		S-3		10-15			Brown medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-L-9

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/25/18	DATE END 7/25/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Light brown medium SAND; some fractured rock		FILL
5		S-2		5-10			Dark brown fine to coarse SAND fill; some coal ash, glass, peat, slag, brick		
10		S-3		10-15			Brown medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-M-1

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/25/18	DATE END 7/25/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Light brown medium SAND; some fractured rock		FILL
5		S-2		5-10			Dark brown fine to coarse SAND fill; some coal ash, glass, peat, slag, brick		SAND
10							EOB @ 10 ft. BGS		
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-M-1

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-M-3

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/25/18	DATE END 7/25/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Light brown medium SAND; some coal		
5		S-2		5-10			Dark brown fine to coarse SAND fill; some coal, brick		FILL
10							Light brown medium SAND EOB @ 10 ft. BGS		SAND
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-M-5

SHEET 1 OF 1

Project No. 2180123

CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/25/18	DATE END 7/25/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch

CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Light brown medium SAND; some coal		
							Dark brown fine to coarse SAND fill; some brick, fractured rock		FILL
							Concrete		
5							Dark brown fine to coarse SAND fill; some brick, fractured rock		
		S-2		5-10			Light brown medium SAND		SAND
10							EOB @ 10 ft. BGS		
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.

ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT	REPORT OF BORING No.	B-M-7
Conway Park Somerville, MA	SHEET 1 OF 1 Project No. 2180123 CHKD BY Joseph Spencer	

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/25/18	DATE END 7/25/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Dark brown fine to coarse SAND fill		FILL
5		S-2		5-10					
10		S-3		10-15			Light brown medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-M-7

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-M-8

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/25/18	DATE END 7/25/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Light brown medium SAND		FILL
							Brick		
5		S-2		5-10			Dark brown fine to coarse SAND fill		
10		S-3		10-15			Light brown medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-M-8

Weston & Sampson

PROJECT	REPORT OF BORING No.	B-M-9
Conway Park Somerville, MA	SHEET 1 OF 1 Project No. 2180123 CHKD BY Joseph Spencer	

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/25/18	DATE END 7/25/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Light brown medium SAND		FILL
							Gray fine to coarse SAND; some silt, fractured rock		
5		S-2		5-10			Dark brown fine to coarse SAND fill		
10		S-3		10-15			Light brown medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT	REPORT OF BORING No.	B-M-10
Conway Park Somerville, MA	SHEET 1 OF 1 Project No. 2180123 CHKD BY Joseph Spencer	

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/25/18	DATE END 7/25/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Light brown medium SAND		FILL
							Brown fine to medium SAND; some brick		
5		S-2		5-10			Dark brown fine to coarse SAND fill; some brick, fractured rock		
10		S-3		10-15			Light brown medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT	REPORT OF BORING No.	B-M-11
Conway Park Somerville, MA	SHEET 1 OF 1 Project No. 2180123 CHKD BY Joseph Spencer	

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/25/18	DATE END 7/25/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Dark brown fine to medium SAND		FILL
							Light brown fine to medium SAND		
5		S-2		5-10			Dark brown fine to coarse SAND fill; some brick, fractured rock		
10		S-3		10-15			Light brown medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT	REPORT OF BORING No.	B-N-7
Conway Park Somerville, MA	SHEET 1 OF 1 Project No. 2180123 CHKD BY Joseph Spencer	

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/25/18	DATE END 7/25/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Brown fine to medium SAND		FILL
5		S-2		5-10			Dark brown fine to coarse SAND fill; some brick, fractured rock, glass, purple debris		
10		S-3		10-15			Brown medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT	REPORT OF BORING No.	B-N-8
Conway Park Somerville, MA	SHEET 1 OF 1 Project No. 2180123 CHKD BY Joseph Spencer	

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/25/18	DATE END 7/25/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Brown fine to medium SAND		FILL
5		S-2		5-10			Dark brown medium to coarse SAND fill; some brick, gravel, slag, peat		
10		S-3		10-15			Light brown medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-N-9

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/25/18	DATE END 7/25/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Brown fine to medium SAND		
							Tan fine SAND		
5		S-2		5-10			Dark brown medium to coarse SAND fill; some concrete, fractured rock, silt		FILL
10		S-3		10-15			Light brown medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-N-10

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/25/18	DATE END 7/25/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Brown fine to medium SAND		FILL
5		S-2		5-10			Dark gray fine to coarse SAND fill; some concrete, fractured rock, brick		
10		S-3		10-15			Light brown medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-O-1

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/24/18	DATE END 7/24/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1	50/60	0-5		N/A	Brown medium SAND; some fractured rock; trace coal		FILL
							Dark brown medium SAND		
5		S-2	50/60	5-10			Tan fine to medium SAND		SAND
10							EOB @ 10 ft. BGS		
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-O-3

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/24/18	DATE END 7/24/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Brown fine to medium SAND		FILL
5		S-2		5-10			Dark brown medium SAND		
10							Light brown medium SAND		SAND
							EOB @ 10 ft. BGS		
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-O-5

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/24/18	DATE END 7/24/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Brown fine to medium SAND		FILL
5		S-2		5-10			Dark brown medium SAND		
							Light brown medium SAND		SAND
10							EOB @ 10 ft. BGS		
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-O-7

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/24/18	DATE END 7/24/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Dark brown fine to medium SAND; some concrete		
5		S-2		5-10			Coal ash with brick and glass		FILL
							Dark brown/black fine to medium SAND		
10							Light brown fine to medium SAND		SAND
							EOB @ 10 ft. BGS		
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-O-8

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/24/18	DATE END 7/24/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Tan fine to medium SAND		FILL
5		S-2		5-10			Dark brown fine to medium SAND; some brick, concrete, fractured rock		
							Brick and wood		
10		S-3		10-15			Dark brown/gray fine to medium SAND; some coal, ash		
15							Tan medium SAND		SAND
							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-O-9

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/24/18	DATE END 7/24/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Light brown/gray fine to medium SAND; some gravel		FILL
5		S-2		5-10			Coal ash		
							Tan fine SAND		SAND
10							EOB @ 10 ft. BGS		
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-O-10

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/24/18	DATE END 7/24/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Tan fine to medium SAND		FILL
							Concrete		
5		S-2		5-10			Dark brown fine to medium SAND; some brick, gravel, wire		
10		S-3		10-15			Light brown medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-O-11

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/24/18	DATE END 7/24/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Brown fine to medium SAND		FILL
5		S-2		5-10			Dark brown fine to medium SAND; some brick, gravel		
10							Light brown fine SAND		SAND
							EOB @ 10 ft. BGS		
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-P-8

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/24/18	DATE END 7/24/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Brown fine to medium SAND; some coal		FILL
5		S-2		5-10			Dark brown fine to medium SAND; some coal ash, wood, fractured rock		
10		S-3		10-15			Tan medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-P-9

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/24/18	DATE END 7/24/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Light brown fine to coarse SAND		
							Brown fine to medium SAND		
							Concrete		
5		S-2		5-10			Dark brown fine to medium SAND; some coal ash, slag, brick, concrete		FILL
10		S-3		10-15			Tan medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT	REPORT OF BORING No.	B-P-10
Conway Park Somerville, MA	SHEET 1 OF 1 Project No. 2180123 CHKD BY Joseph Spencer	

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/23/18	DATE END 7/23/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher
CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Gray fine to medium SAND; some gravel, glass		FILL
5		S-2		5-10			Brown fine to medium SAND		
							Peat		
10		S-3		10-15			Tan medium SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-P-10

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-Q-8

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/23/18	DATE END 7/23/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	REC/PEN (in)	DEPTH (ft.)	BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1	40/60	0-5		N/A	Topsoil		TOPSOIL
							Dark brown fine to coarse SAND; some gravel		FILL
5		S-2	45/60	5-10					
							Brick		
							Light brown fine SAND; some brick, trace coal		
10							Tan fine SAND		SAND
							EOB @ 10 ft. BGS		
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-Q-9

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/23/18	DATE END 7/23/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
5		S-2		5-10			Dark brown fine to medium SAND; some coal ash, slag, brick, concrete		FILL
							Light brown fine SAND, some gravel		
10		S-3		10-15			Tan fine SAND		SAND
15							EOB @ 15 ft. BGS		
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-Q-10

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/24/18	DATE END 7/24/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
							Dark brown fine to coarse SAND; some gravel		FILL
5		S-2		5-10			Tan fine SAND		SAND
10							EOB @ 10 ft. BGS		
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-Q-10

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-Q-11

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/23/18	DATE END 7/23/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Topsoil		TOPSOIL
5		S-2		5-10			Dark brown fine to coarse SAND; some gravel		FILL
10							Tan fine SAND		SAND
							EOB @ 10 ft. BGS		
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-R-3

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/23/18	DATE END 7/23/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	6 inches woodchips		
							Brown fine to medium SAND		FILL
5		S-2		5-10			Light brown fine SAND		SAND
10							EOB @ 10 ft. BGS		
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES:
i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-R-4

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/23/18	DATE END 7/23/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Woodchips		
							Brown fine to medium SAND		FILL
5		S-2		5-10					
							Light brown fine SAND		SAND
10							EOB @ 10 ft. BGS		
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-R-5

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/23/18	DATE END 7/23/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Woodchips		
							Brown fine to medium SAND		FILL
5		S-2		5-10			Light brown fine SAND		SAND
10							EOB @ 10 ft. BGS		
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-R-6

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/23/18	DATE END 7/23/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Woodchips		
							Brown fine to medium SAND		FILL
5		S-2		5-10			Light brown fine SAND		SAND
10							EOB @ 10 ft. BGS		
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. B-R-6

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-R-7

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/23/18	DATE END 7/23/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Dark brown fine to coarse SAND; some gravel, brick		FILL
5		S-2		5-10			Brown fine to medium SAND		
							Light brown fine SAND		SAND
10							EOB @ 10 ft. BGS		
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-R-11

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/23/18	DATE END 7/23/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Brown fine to coarse SAND		FILL
							Concrete		
5		S-2		5-10			Brown fine to medium SAND		
							Light brown fine SAND		SAND
10							EOB @ 10 ft. BGS		
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-S-3

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/23/18	DATE END 7/23/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	6 inches woodchips		
							Brown fine to medium SAND		FILL
5		S-2		5-10			Light brown fine SAND		SAND
10							EOB @ 10 ft. BGS		
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-S-4

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/23/18	DATE END 7/23/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Woodchips		
							Brown fine to medium SAND		FILL
5		S-2		5-10					
							Light brown fine SAND		SAND
10							EOB @ 10 ft. BGS		
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-S-5

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/23/18	DATE END 7/23/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Woodchips		
							Brown fine to medium SAND		FILL
5		S-2		5-10			Light brown fine SAND		SAND
10							EOB @ 10 ft. BGS		
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-S-6

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/23/18	DATE END 7/23/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1		0-5		N/A	Woodchips		
							Brown fine to medium SAND		FILL
5		S-2		5-10			Light brown fine SAND		SAND
10							EOB @ 10 ft. BGS		
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-S-7

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/23/18	DATE END 7/23/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1	50/60	0-5		N/A	Topsoil		TOPSOIL
							Dark brown fine to coarse SAND; some coal ash, some brick; trace glass		FILL
5							Rust stained fine to medium SAND		
		S-2		5-10			Tan fine SAND		SAND
10							EOB @ 10 ft. BGS		
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-S-10

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/23/18	DATE END 7/23/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1	45/60	0-5		N/A	Topsoil		TOPSOIL
							Dark brown fine to coarse SAND; some gravel		FILL
5		S-2	50/60	5-10			Light brown fine SAND		SAND
							Tan fine SAND		
10							EOB @ 10 ft. BGS		
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

Weston & Sampson

PROJECT

Conway Park
Somerville, MA

REPORT OF BORING No. B-S-11

SHEET 1 OF 1
Project No. 2180123
CHKD BY Joseph Spencer

BORING Co.	NE Geotech	BORING LOCATION	See attached plan
FOREMAN	Maynor	GROUND SURFACE ELEV.	DATUM
WSE REPRESENTATIVE:	Taylor Smith	DATE START 7/23/18	DATE END 7/23/18

SAMPLER: Geoprobe 6610DT track mounted rig
DT 22 Sampler 2.25 inch
CASING: DT 22 2.25 inch PVC liners w/o catcher

CASING SIZE: 2.25 Method Direct Push

GROUNDWATER OBSERVATIONS

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
N/A				

DEPTH (feet)	CASING (blows/ft)	SAMPLE No.	SAMPLE REC/PEN (in)	SAMPLE DEPTH (ft.)	SAMPLE BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION	NOTES	STRATUM DESCRIPTION
	NA	S-1	50/60	0-5		N/A	Topsoil		TOPSOIL
							Concrete		
5		S-2	45/60	5-10			Brown fine to coarse SAND; some gravel; trace brick		FILL
10							Tan fine SAND EOB @ 10 ft. BGS		SAND
15									
20									
25									
30									

GRANULAR SOILS		COHESIVE SOILS	
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY
0-4	V. LOOSE	0-2	V. SOFT
4-10	LOOSE	2-4	SOFT
10-30	M. DENSE	4-8	M. STIFF
30-50	DENSE	8-15	STIFF
> 50	V. DENSE	15-30	V. STIFF
		> 30	HARD

NOTES:
EOB- End of boring

GENERAL NOTES: i) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
ii) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING NUMBER: **WSE-1**

Weston & Sampson SM

CLIENT: City of Somerville
PROJECT NAME: Conway Park
PROJECT NUMBER: 2170709
PROJECT LOCATION: Somerville, MA

CONTRACTOR: Technical Drilling Services
BORING LOCATION: See Site Plan
FOREMAN: Brett Baylk
GROUND ELEVATION: 18.9 ft. +/- **DATUM:** NAVD88
LOGGED BY: B. Toner **CHECKED BY:**
DRILLING DATE - START: 11/2/17 **END:** 11/2/17
DRILLING METHOD/CASING DIAMETER: HSA / 4.25 in. I.D.
GROUNDWATER LEVEL AT THE TIME OF DRILLING (Date / Time / Depth):
HAMMER WEIGHT/DROP HEIGHT/SPOON SIZE: 140 lb / 30 in / 2 in O.D.
11/2/2017, 13 ft. +/- (WET SAMPLE.)

DEPTH (ft.) *Elevation*	SAMPLE NUMBER	SAMPLE DEPTH (ft.)	RECOVERY / PENETRATION (in.)	BLOW COUNTS (N-Value)	GRAPHIC LOG	STRATA NAME	MATERIAL DESCRIPTION	COMMENTS
0 *18.9*	S-1	0 - 2	12 / 24	9-8-20-13 (28)		FILL	Top 11" - Medium dense, dark brown, fine to medium SAND, some silt, little gravel, trace organics (roots); moist. [FILL] Bottom 1" - Brown, fine to medium SAND, some gravel, little silt, trace debris (coal); moist. [FILL]	
	S-2	2 - 4	0 / 24	9-4-6-7 (10)			No recovery.	
5 *13.9*	S-3	4 - 6	16 / 24	6-4-6-8 (10)			Medium dense, dark brown, fine to medium SAND, some gravel, some silt, little debris (coal, slate, slag); moist. [FILL]	
	S-4	6 - 8	12 / 24	7-8-6-5 (14)			Top 7" - Medium dense, dark brown, fine to medium SAND, little gravel, little silt, trace debris (coal); moist. [FILL] Bottom 5" - Brown, silty fine to medium SAND, trace gravel; moist. [FILL]	
	S-5	8 - 10	7 / 24	5-7-8-7 (15)			Medium dense, brown, fine to medium SAND, some silt, some gravel; moist. [FILL]	
10 *8.9*	S-6	10 - 12	9 / 24	5-7-8-8 (15)			Medium dense, brown, fine to coarse SAND, some silt, little gravel; moist. [FILL]	
▽	S-7	12 - 14	11 / 24	5-4-7-9 (11)			Top 7" - Medium dense, fine to coarse SAND, some silt, some gravel; moist. [FILL]	Hollow stem augers filled with water.
						SAND	Bottom 4" - Dark brown, fine to coarse SAND, some gravel, little silt, trace debris (slag), trace organics (wood); wet. Medium dense, dark brown, silty fine to medium SAND, some gravel; wet.	
15 *3.9*	S-8	14 - 16	3 / 24	18-14-8-6 (22)				
	S-9	16 - 18	10 / 24	6-5-7-6 (12)			Medium dense, dark brown, fine to medium SAND, trace gravel, trace silt; wet.	
	S-10	18 - 20	12 / 24	5-5-6-6 (11)			Medium dense, dark brown, fine to medium SAND, trace gravel, trace silt; wet.	
20 *-1.1*							Bottom of boring at 20.0 ft. bgs.	

SAMPLE TYPE

S	Split Spoon
ST	Shelby Tube
AS	Auger/Grab Sample
NQ	2" Rock Core
GP	Geoprobe

GRANULAR SOILS

BLOWS/FT	DENSITY
0-4	Very Loose
4-10	Loose
10-30	Medium Dense
30-50	Dense
>50	Very Dense

COHESIVE SOILS

BLOWS/FT	CONSISTENCY
2	Very Soft
2-4	Soft
4-8	Medium Stiff
8-15	Stiff
15-30	Very Stiff
>30	Hard

SOIL CLASSIFICATION

-y, -ly, -ey	35-50%
some	20-35%
little	10-20%
trace	<10%

ORGANIC SOILS

organic (soil)	15-50%
(soil) with some organics	5-15%

GENERAL NOTES:

1) The stratification lines represent the approximate boundary between soil types; actual transitions may be gradual.

2) Water level readings have been made in the drill holes at the times and conditions stated on the boring log. Fluctuations in the level of groundwater may occur due to other factors than those presented at the time measurements are made.

BORING NUMBER: **WSE-1**

BORING NUMBER: **WSE-2**

Weston & Sampson SM

CLIENT: City of Somerville
PROJECT NAME: Conway Park
PROJECT NUMBER: 2170709
PROJECT LOCATION: Somerville, MA

CONTRACTOR: Technical Drilling Services
BORING LOCATION: See Site Plan
FOREMAN: Brett Baylk
GROUND ELEVATION: 19.2 ft. +/- **DATUM:** NAVD88
LOGGED BY: B. Toner **CHECKED BY:**
DRILLING DATE - START: 11/2/17 **END:** 11/2/17
DRILLING METHOD/CASING DIAMETER: HSA / 4.25 in. I.D.
GROUNDWATER LEVEL AT THE TIME OF DRILLING (Date / Time / Depth):
HAMMER WEIGHT/DROP HEIGHT/SPOON SIZE: 140 lb / 30 in / 2 in O.D.
11/2/2017, 14 ft. +/- (WET SAMPLE.)

DEPTH (ft.) *Elevation*	SAMPLE NUMBER	SAMPLE DEPTH (ft.)	RECOVERY / PENETRATION (in.)	BLOW COUNTS (N-Value)	GRAPHIC LOG	STRATA NAME	MATERIAL DESCRIPTION	COMMENTS
0 *19.2*	S-1	0 - 2	23 / 24	6-8-14-13 (22)		FILL	Top 6" - Topsoil Middle 9" - Dense, brown, silty fine to medium SAND; moist. [FILL] Bottom 8" - Brown, fine to coarse SAND, little silt, trace gravel; moist. [FILL]	
	S-2	2 - 4	15 / 24	8-7-12-7 (19)			Top 3" - Brown, fine to coarse SAND, little silt, trace gravel, little debris (brick, concrete); moist. [FILL] Bottom 12" - Medium dense, dark brown, fine to coarse SAND, some debris (brick, coal), some silt, little gravel; moist. [FILL]	
5 *14.2*	S-3	4 - 6	0 / 24	4-7-10-11 (17)			No recovery.	
	S-4	6 - 8	12 / 24	20-13-10-9 (23)			Top 6" - Medium dense, brown, GRAVEL, some fine to coarse sand, some silt; wet. [FILL] Bottom 6" - Dark brown, fine to medium SAND, some silt, trace gravel, trace debris (brick, coal); moist. [FILL]	
	S-5	8 - 10	6 / 24	6-5-4-4 (9)			Loose, brown, fine to coarse SAND, some silt, trace gravel, trace debris (brick, coal); moist. [FILL]	
10 *9.2*	S-6	10 - 12	8 / 24	5-3-4-4 (7)			Loose, dark brown, fine to coarse SAND, some silt, some gravel, little debris (brick, coal); moist. [FILL]	
	S-7	12 - 14	9 / 24	15-9-8-8 (17)			Medium dense, dark brown, fine to coarse SAND, some gravel, some debris (coal), little silt; moist. [FILL]	
15 *4.2*	S-8	14 - 16	4 / 24	9-8-5-4 (13)			Stiff, dark brown, organic SILT (wood fibers); wet.	Hollow stem augers filled with water.
	S-9	16 - 18	16 / 24	7-7-9-10 (16)		SAND	Medium dense, dark gray, fine to medium SAND, trace gravel, trace silt; wet.	
	S-10	18 - 20	12 / 24	4-5-5-6 (10)			Medium dense, brown, fine to medium SAND, trace silt; wet.	
20 *-0.8*						CLAY		
	S-11	23 - 25	20 / 24	2-2-3-3 (5)			Medium stiff, gray, CLAY, trace fine to coarse sand; wet.	
25 *-5.8*								

SAMPLE TYPE

S	Split Spoon
ST	Shelby Tube
AS	Auger/Grab Sample
NQ	2" Rock Core
GP	Geoprobe

GRANULAR SOILS

BLOWS/FT	DENSITY
0-4	Very Loose
4-10	Loose
10-30	Medium Dense
30-50	Dense
>50	Very Dense

COHESIVE SOILS

BLOWS/FT	CONSISTENCY
2	Very Soft
2-4	Soft
4-8	Medium Stiff
8-15	Stiff
15-30	Very Stiff
>30	Hard

SOIL CLASSIFICATION

-y, -ly, -ey	35-50%
some	20-35%
little	10-20%
trace	<10%

ORGANIC SOILS

organic (soil)	15-50%
(soil) with some organics	5-15%

GENERAL NOTES:

1) The stratification lines represent the approximate boundary between soil types; actual transitions may be gradual.

2) Water level readings have been made in the drill holes at the times and conditions stated on the boring log. Fluctuations in the level of groundwater may occur due to other factors than those presented at the time measurements are made.

Weston & Sampson SM

CLIENT: City of Somerville **PROJECT NAME:** Conway Park

PROJECT NUMBER: 2170709 **PROJECT LOCATION:** Somerville, MA

DEPTH (ft.) *Elevation*	SAMPLE NUMBER	SAMPLE DEPTH (ft.)	RECOVERY / PENETRATION (in.)	BLOW COUNTS (N-Value)	GRAPHIC LOG	STRATA NAME	MATERIAL DESCRIPTION	COMMENTS
25 *-5.8*						CLAY		
						SAND	Top 12" - Loose, gray, fine to coarse SAND, trace silt; wet. Bottom 12" - Medium stiff, gray, silty CLAY; wet.	
	S-12	28 - 30	24 / 24	2-2-3-3 (5)				
30 *-10.8*						CLAY	Medium stiff, gray, silty CLAY; wet.	
	S-13	30 - 32	23 / 24	2-2-2-3 (4)				

Bottom of boring at 32 ft. bgs.

SAMPLE TYPE

S	Split Spoon
ST	Shelby Tube
AS	Auger/Grab Sample
NQ	2" Rock Core
GP	Geoprobe

GRANULAR SOILS

BLOWS/FT	DENSITY
0-4	Very Loose
4-10	Loose
10-30	Medium Dense
30-50	Dense
>50	Very Dense

COHESIVE SOILS

BLOWS/FT	CONSISTENCY
2	Very Soft
2-4	Soft
4-8	Medium Stiff
8-15	Stiff
15-30	Very Stiff
>30	Hard

SOIL CLASSIFICATION

-y, -ly, -ey	35-50%
some	20-35%
little	10-20%
trace	<10%

ORGANIC SOILS

organic (soil)	15-50%
(soil) with some organics	5-15%

GENERAL NOTES:

1) The stratification lines represent the approximate boundary between soil types; actual transitions may be gradual.

2) Water level readings have been made in the drill holes at the times and conditions stated on the boring log. Fluctuations in the level of groundwater may occur due to other factors than those presented at the time measurements are made.

BORING NUMBER: **WSE-3**

Weston & Sampson SM

CLIENT: City of Somerville
PROJECT NAME: Conway Park
PROJECT NUMBER: 2170709
PROJECT LOCATION: Somerville, MA

CONTRACTOR: Technical Drilling Services
BORING LOCATION: See Site Plan
FOREMAN: Brett Baylk
GROUND ELEVATION: 19.1 ft. +/- **DATUM:** NAVD88
LOGGED BY: B. Toner **CHECKED BY:**
DRILLING DATE - START: 11/1/17 **END:** 11/1/17
DRILLING METHOD/CASING DIAMETER: HSA / 4.25 in. I.D.
GROUNDWATER LEVEL AT THE TIME OF DRILLING (Date / Time / Depth):
HAMMER WEIGHT/DROP HEIGHT/SPOON SIZE: 140 lb / 30 in / 2 in O.D.
11/2/2017, 12 ft. +/- (WET SAMPLE.)

DEPTH (ft.) *Elevation*	SAMPLE NUMBER	SAMPLE DEPTH (ft.)	RECOVERY / PENETRATION (in.)	BLOW COUNTS (N-Value)	GRAPHIC LOG	STRATA NAME	MATERIAL DESCRIPTION	COMMENTS
0 *19.1*	S-1	0 - 2	14 / 24	6-12-16-15 (28)		FILL	Top 6" - Topsoil Bottom 8" - Medium dense, brown, fine to coarse SAND, trace gravel, trace silt; moist. [FILL]	Hollow stem augers filled with water.
	S-2	2 - 4	11 / 24	8-12-18-14 (30)			Top 4" - Brown, fine to coarse SAND, little silt, trace gravel; moist. [FILL] Bottom 7" - Medium dense, dark brown, fine to coarse SAND, some debris (brick, coal ash), little gravel, little silt; moist. [FILL]	
5 *14.1*	S-3	4 - 6	19 / 24	8-7-11-11 (18)			Top 11" - Medium dense, dark brown, silty fine to medium SAND, little gravel, trace debris (coal, slag); moist. Bottom 8" - Dark brown, fine to coarse SAND, some gravel, little debris (coal), trace silt; moist.	
	S-4	6 - 8	14 / 24	8-6-4-1 (10)			Top 8" - Medium dense, fine to coarse SAND, some silt, trace gravel, trace debris (brick, coal, slag); moist. [FILL] Bottom 6" - Dark brown, fine to coarse SAND, trace gravel, trace debris (brick, coal, slag), trace silt; moist. [FILL]	
	S-5	8 - 10	6 / 24	1-2-1-4 (3)			Soft, dark brown to gray, silty CLAY, some debris (wood), trace fine to coarse sand; moist. [FILL]	
10 *9.1*	S-6	10 - 12	5 / 24	1-1-2-3 (3)			Soft, dark brown to gray, fine to medium sandy CLAY, some debris (brick, coal, wood); moist. [FILL]	
▽	S-7	12 - 14	11 / 24	3-3-3-12 (6)		CLAY	Top 4" - Dark brown, organic SILT (wood fibers); wet. Bottom 7" - Loose, gray, clayey fine to coarse SAND, some gravel; wet, petroleum odor.	
15 *4.1*	S-8	14 - 16	14 / 24	8-1-4-3 (5)			Medium stiff, dark brown, CLAY with some silt, little fine to coarse sand, trace gravel; wet.	
	S-9	16 - 18	20 / 24	3-7-11-11 (18)			Top 7" - Dark brown, CLAY with some silt, some gravel, little fine to coarse sand; wet.	
	S-10	18 - 20	18 / 24	3-4-5-7 (9)		SAND	Bottom 13" - Medium dense, brown, fine to coarse SAND, trace silt; wet. Loose, brown, fine to coarse SAND, trace gravel, trace silt; wet.	
20 *-0.9*							At 23 ft. bgs, hollow stem augers filled with approximatley 4 ft. of sand; no sample collected.	
25 *-5.9*								

SAMPLE TYPE

S	Split Spoon
ST	Shelby Tube
AS	Auger/Grab Sample
NQ	2" Rock Core
GP	Geoprobe

GRANULAR SOILS

BLOWS/FT	DENSITY
0-4	Very Loose
4-10	Loose
10-30	Medium Dense
30-50	Dense
>50	Very Dense

COHESIVE SOILS

BLOWS/FT	CONSISTENCY
2	Very Soft
2-4	Soft
4-8	Medium Stiff
8-15	Stiff
15-30	Very Stiff
>30	Hard

SOIL CLASSIFICATION

-y, -ly, -ey	35-50%
some	20-35%
little	10-20%
trace	<10%

ORGANIC SOILS

organic (soil)	15-50%
(soil) with some organics	5-15%

GENERAL NOTES:

1) The stratification lines represent the approximate boundary between soil types; actual transitions may be gradual.

2) Water level readings have been made in the drill holes at the times and conditions stated on the boring log. Fluctuations in the level of groundwater may occur due to other factors than those presented at the time measurements are made.

BORING NUMBER: **WSE-3**

CLIENT: City of Somerville **PROJECT NAME:** Conway Park

PROJECT NUMBER: 2170709 **PROJECT LOCATION:** Somerville, MA

DEPTH (ft.) *Elevation*	SAMPLE NUMBER	SAMPLE DEPTH (ft.)	RECOVERY / PENETRATION (in.)	BLOW COUNTS (N-Value)	GRAPHIC LOG	STRATA NAME	MATERIAL DESCRIPTION	COMMENTS
25 *-5.9*							At 25 ft. bgs, hollow stem augers filled with approximatley 3 ft. of sand; no sample collected. Bottom of boring at 25 ft. bgs.	

SAMPLE TYPE

S	Split Spoon
ST	Shelby Tube
AS	Auger/Grab Sample
NQ	2" Rock Core
GP	Geoprobe

GRANULAR SOILS

BLOWS/FT	DENSITY
0-4	Very Loose
4-10	Loose
10-30	Medium Dense
30-50	Dense
>50	Very Dense

COHESIVE SOILS

BLOWS/FT	CONSISTENCY
2	Very Soft
2-4	Soft
4-8	Medium Stiff
8-15	Stiff
15-30	Very Stiff
>30	Hard

SOIL CLASSIFICATION

-y, -ly, -ey	35-50%
some	20-35%
little	10-20%
trace	<10%

ORGANIC SOILS

organic (soil)	15-50%
(soil) with some organics	5-15%

GENERAL NOTES:

1) The stratification lines represent the approximate boundary between soil types; actual transitions may be gradual.

2) Water level readings have been made in the drill holes at the times and conditions stated on the boring log. Fluctuations in the level of groundwater may occur due to other factors than those presented at the time measurements are made.

BORING NUMBER: **WSE-4**

CLIENT: City of Somerville
PROJECT NAME: Conway Park
PROJECT NUMBER: 2170709
PROJECT LOCATION: Somerville, MA

CONTRACTOR: Technical Drilling Services
BORING LOCATION: See Site Plan
FOREMAN: Brett Baylk
GROUND ELEVATION: 19.4 ft. +/- **DATUM:** NAVD88
LOGGED BY: B. Toner **CHECKED BY:**
DRILLING DATE - START: 11/2/17 **END:** 11/2/17
DRILLING METHOD/CASING DIAMETER: HSA / 4.25 in. I.D.
GROUNDWATER LEVEL AT THE TIME OF DRILLING (Date / Time / Depth):
HAMMER WEIGHT/DROP HEIGHT/SPOON SIZE: 140 lb / 30 in / 2 in O.D.
11/2/2017, 13 ft. +/- (WET SAMPLE.)

DEPTH (ft.) *Elevation*	SAMPLE NUMBER	SAMPLE DEPTH (ft.)	RECOVERY / PENETRATION (in.)	BLOW COUNTS (N-Value)	GRAPHIC LOG	STRATA NAME	MATERIAL DESCRIPTION	COMMENTS
0 *19.4*						SAND	No samples collected from 0-10 ft. bgs.	Hollow stem augers filled with water.
5 *14.4*								
10 *9.4*	S-1	10 - 12	2 / 24	6-7-11-13 (18)			Medium dense, dark brown, fine to medium SAND, some silt, trace organics (roots); moist.	
▽								
15 *4.4*	S-2	15 - 17	18 / 24	4-6-8-8 (14)			Medium dense, brown, fine to medium SAND, trace silt; wet.	
20 *-0.6*	S-3	20 - 22	24 / 24	3-7-11-14 (18)			Medium dense, brown, fine to medium SAND, trace silt; wet.	
							Bottom of boring at 22 ft.	

SAMPLE TYPE

S	Split Spoon
ST	Shelby Tube
AS	Auger/Grab Sample
NQ	2" Rock Core
GP	Geoprobe

GRANULAR SOILS

BLOWS/FT	DENSITY
0-4	Very Loose
4-10	Loose
10-30	Medium Dense
30-50	Dense
>50	Very Dense

COHESIVE SOILS

BLOWS/FT	CONSISTENCY
2	Very Soft
2-4	Soft
4-8	Medium Stiff
8-15	Stiff
15-30	Very Stiff
>30	Hard

SOIL CLASSIFICATION

-y, -ly, -ey	35-50%
some	20-35%
little	10-20%
trace	<10%

ORGANIC SOILS

organic (soil)	15-50%
(soil) with some organics	5-15%

GENERAL NOTES:

1) The stratification lines represent the approximate boundary between soil types; actual transitions may be gradual.

2) Water level readings have been made in the drill holes at the times and conditions stated on the boring log. Fluctuations in the level of groundwater may occur due to other factors than those presented at the time measurements are made.

BORING NUMBER: **WSE-4**

BORING NUMBER: **WSE-5**

CLIENT: City of Somerville
PROJECT NAME: Conway Park
PROJECT NUMBER: 2170709
PROJECT LOCATION: Somerville, MA

CONTRACTOR: Technical Drilling Services
BORING LOCATION: See Site Plan
FOREMAN: Brett Baylk
GROUND ELEVATION: 20 ft. +/- **DATUM:** NAVD88
LOGGED BY: B. Toner **CHECKED BY:**
DRILLING DATE - START: 11/2/17 **END:** 11/2/17
DRILLING METHOD/CASING DIAMETER: HSA / 4.25 in. I.D.
GROUNDWATER LEVEL AT THE TIME OF DRILLING (Date / Time / Depth):
HAMMER WEIGHT/DROP HEIGHT/SPOON SIZE: 140 lb / 30 in / 2 in O.D.
11/2/2017, 15 ft. +/- (WET SAMPLE.)

DEPTH (ft.) *Elevation*	SAMPLE NUMBER	SAMPLE DEPTH (ft.)	RECOVERY / PENETRATION (in.)	BLOW COUNTS (N-Value)	GRAPHIC LOG	STRATA NAME	MATERIAL DESCRIPTION	COMMENTS
0 *20.0*	S-1	0 - 2	19 / 24	6-9-13-12 (22)		FILL	Top 9" - Topsoil. Bottom 10" - Medium dense, brown, fine to coarse SAND, trace gravel, trace silt; moist. [FILL]	
	S-2	2 - 4	16 / 24	13-10-12 -11 (22)			Top 5" - Brown, fine to coarse SAND, trace gravel, trace silt; moist. [FILL] Bottom 11" - Medium dense, brown, fine to medium SAND, some silt, trace gravel, trace debris (coal, slag); moist. [FILL]	
5 *15.0*	S-3	4 - 6	18 / 24	9-8-7-9 (15)			Top 3" - Dark gray, gravelly fine to coarse SAND, trace silt; moist. [FILL] Bottom 7" - Medium dense, dark brown, fine to coarse SAND, trace gravel, trace debris (coal), trace silt; moist. [FILL]	
	S-4	6 - 8	10 / 24	8-4-5-4 (9)			Loose, dark brown, silty fine to coarse SAND, trace gravel, trace debris (coal ash); moist. [FILL]	
10 *10.0*	S-5	8 - 10	15 / 24	1-1-3-3 (4)		SAND	Top 6" - Dark brown, silty fine to medium SAND, trace gravel, trace organics (roots), trace clay; moist. Bottom 9" - Very loose, brown, fine to coarse SAND, trace silt; moist.	
	S-6	10 - 12	8 / 24	6-7-5-6 (12)			Medium dense, brown, fine to medium SAND, trace silt; moist.	
	S-7	12 - 14	20 / 24	8-9-10-12 (19)			Medium dense, brown, fine to medium SAND, trace silt; moist.	
15▽ *5.0*								
	S-8	15 - 17	20 / 24	4-5-8-9 (13)			Medium dense, brown, fine to medium SAND, trace silt; wet.	Hollow stem augers filled with water.
20 *0.0*	S-9	20 - 22	23 / 24	5-7-12-13 (19)			Medium dense, brown, fine to medium SAND, trace silt; wet.	
							Bottom of boring at 22 ft.	

SAMPLE TYPE

S	Split Spoon
ST	Shelby Tube
AS	Auger/Grab Sample
NQ	2" Rock Core
GP	Geoprobe

GRANULAR SOILS

BLOWS/FT	DENSITY
0-4	Very Loose
4-10	Loose
10-30	Medium Dense
30-50	Dense
>50	Very Dense

COHESIVE SOILS

BLOWS/FT	CONSISTENCY
2	Very Soft
2-4	Soft
4-8	Medium Stiff
8-15	Stiff
15-30	Very Stiff
>30	Hard

SOIL CLASSIFICATION

-y, -ly, -ey	35-50%
some	20-35%
little	10-20%
trace	<10%

ORGANIC SOILS

organic (soil)	15-50%
(soil) with some organics	5-15%

GENERAL NOTES:

1) The stratification lines represent the approximate boundary between soil types; actual transitions may be gradual.

2) Water level readings have been made in the drill holes at the times and conditions stated on the boring log. Fluctuations in the level of groundwater may occur due to other factors than those presented at the time measurements are made.

BORING NUMBER: **WSE-5**

BORING NUMBER: **WSE-6**

Weston & Sampson SM

CLIENT: City of Somerville
PROJECT NAME: Conway Park
PROJECT NUMBER: 2170709
PROJECT LOCATION: Somerville, MA

CONTRACTOR: Technical Drilling Services
BORING LOCATION: See Site Plan
FOREMAN: Brett Baylk
GROUND ELEVATION: 20.9 ft. +/- **DATUM:** NAVD88
LOGGED BY: B. Toner **CHECKED BY:**
DRILLING DATE - START: 11/1/17 **END:** 11/1/17
DRILLING METHOD/CASING DIAMETER: HSA / 4.25 in. I.D.
GROUNDWATER LEVEL AT THE TIME OF DRILLING (Date / Time / Depth):
HAMMER WEIGHT/DROP HEIGHT/SPOON SIZE: 140 lb / 30 in / 2 in O.D.
11/1/2017, 15 ft. +/- (WET SAMPLE.)

DEPTH (ft.) *Elevation*	SAMPLE NUMBER	SAMPLE DEPTH (ft.)	RECOVERY / PENETRATION (in.)	BLOW COUNTS (N-Value)	GRAPHIC LOG	STRATA NAME	MATERIAL DESCRIPTION	COMMENTS
0 *20.9*						FILL	Top 2" - Topsoil Middle 5" - Brown, fine to medium SAND, some silt, trace debris (coal, slag); moist. [FILL] Bottom 11" - Medium dense, brown, fine to coarse SAND, little gravel, trace silt; moist. [FILL]	
	S-1	0.5 - 2.5	18 / 24	6-9-11-19 (20)				
	S-2	2.5 - 4.0	18 / 18	7-6-4 (10)			Top 10" - Medium dense, dark brown, silty fine to medium SAND, trace gravel, trace debris (coal); moist. [FILL] Bottom 5" - Brown, fine to coarse SAND, some silt; moist. [FILL]	
5 *15.9*	S-3	4 - 6	18 / 24	4-3-4-6 (7)			Top 4" - Dark brown, fine to medium SAND, some silt, trace gravel, trace debris (coal, slag); moist. [FILL] Bottom 14" - Loose, brown, fine to medium SAND, trace silt; moist.	
	S-4	6 - 8	24 / 24	4-7-9-9 (16)		SAND	Medium dense, brown, fine to medium SAND, little silt; moist.	
10 *10.9*	S-5	10 - 12	18 / 24	4-8-10-11 (18)			Medium dense, brown, fine to medium SAND, trace silt; moist.	
15 ▽ *5.9*	S-6	15 - 17	16 / 24	5-7-10-10 (17)			Medium dense, brown, fine to medium SAND, trace silt; moist.	Hollow stem augers filled with water.
20 *0.9*	S-7	20 - 22	19 / 24	2-1-4-5 (5)			Medium dense, brown, fine to medium SAND, trace silt; moist.	
25 *-4.1*								

SAMPLE TYPE

S	Split Spoon
ST	Shelby Tube
AS	Auger/Grab Sample
NQ	2" Rock Core
GP	Geoprobe

GRANULAR SOILS

BLOWS/FT	DENSITY
0-4	Very Loose
4-10	Loose
10-30	Medium Dense
30-50	Dense
>50	Very Dense

COHESIVE SOILS

BLOWS/FT	CONSISTENCY
2	Very Soft
2-4	Soft
4-8	Medium Stiff
8-15	Stiff
15-30	Very Stiff
>30	Hard

SOIL CLASSIFICATION

-y, -ly, -ey	35-50%
some	20-35%
little	10-20%
trace	<10%

ORGANIC SOILS

organic (soil)	15-50%
(soil) with some organics	5-15%

GENERAL NOTES:

1) The stratification lines represent the approximate boundary between soil types; actual transitions may be gradual.

2) Water level readings have been made in the drill holes at the times and conditions stated on the boring log. Fluctuations in the level of groundwater may occur due to other factors than those presented at the time measurements are made.

CLIENT: City of Somerville **PROJECT NAME:** Conway Park

PROJECT NUMBER: 2170709 **PROJECT LOCATION:** Somerville, MA

DEPTH (ft.) *Elevation*	SAMPLE NUMBER	SAMPLE DEPTH (ft.)	RECOVERY / PENETRATION (in.)	BLOW COUNTS (N-Value)	GRAPHIC LOG	STRATA NAME	MATERIAL DESCRIPTION	COMMENTS
25 *-4.1*	S-8	25 - 27	24 / 24	5-6-10-12 (16)		SAND	Medium dense, brown, fine to medium SAND, trace gravel, trace silt; moist.	
30 *-9.1*	S-9	30 - 31.0	8 / 12	24-100/6"				CHECK SAMPLE!!!

Bottom on boring at 31 ft. bgs.

SAMPLE TYPE

S	Split Spoon
ST	Shelby Tube
AS	Auger/Grab Sample
NQ	2" Rock Core
GP	Geoprobe

GRANULAR SOILS

BLOWS/FT	DENSITY
0-4	Very Loose
4-10	Loose
10-30	Medium Dense
30-50	Dense
>50	Very Dense

COHESIVE SOILS

BLOWS/FT	CONSISTENCY
2	Very Soft
2-4	Soft
4-8	Medium Stiff
8-15	Stiff
15-30	Very Stiff
>30	Hard

SOIL CLASSIFICATION

-y, -ly, -ey	35-50%
some	20-35%
little	10-20%
trace	<10%

ORGANIC SOILS

organic (soil)	15-50%
(soil) with some organics	5-15%

GENERAL NOTES:

1) The stratification lines represent the approximate boundary between soil types; actual transitions may be gradual.

2) Water level readings have been made in the drill holes at the times and conditions stated on the boring log. Fluctuations in the level of groundwater may occur due to other factors than those presented at the time measurements are made.

BORING NUMBER: **WSE-7**

CLIENT: City of Somerville
PROJECT NAME: Conway Park
PROJECT NUMBER: 2170709
PROJECT LOCATION: Somerville, MA

CONTRACTOR: Technical Drilling Services
BORING LOCATION: See Site Plan
FOREMAN: Brett Baylk
GROUND ELEVATION: 20.9 ft. +/- **DATUM:** NAVD88
LOGGED BY: B. Toner **CHECKED BY:**
DRILLING DATE - START: 11/1/17 **END:** 11/1/17
DRILLING METHOD/CASING DIAMETER: HSA / 4.25 in. I.D.
GROUNDWATER LEVEL AT THE TIME OF DRILLING (Date / Time / Depth):
HAMMER WEIGHT/DROP HEIGHT/SPOON SIZE: 140 lb / 30 in / 2 in O.D.
11/1/2017, 15 ft. +/- (WET SAMPLE.)

DEPTH (ft.) *Elevation*	SAMPLE NUMBER	SAMPLE DEPTH (ft.)	RECOVERY / PENETRATION (in.)	BLOW COUNTS (N-Value)	GRAPHIC LOG	STRATA NAME	MATERIAL DESCRIPTION	COMMENTS
0 *20.9*	S-1	0 - 2	12 / 24	5-16-22-25 (38)		FILL	Top 8" - Topsoil Bottom 3"- Dense, brown, fine to coarse SAND, trace gravel, trace silt; moist. [FILL]	
	S-2	2 - 4	15 / 24	10-9-13-13 (22)			Top 9" - Stiff, dark brown, fine to medium sandy SILT, little gravel, little debris (coal ash, slag); moist. [FILL] Bottom 6" - Brown, fine to coarse SAND, little silt, trace gravel, trace debris (brick, coal); moist. [FILL]	
5 *15.9*	S-3	4 - 6	12 / 24	12-13-9-8 (22)			Medium dense, dark brown, fine to coarse SAND, some silt, trace gravel; moist. [FILL]	
	S-4	6 - 8	10 / 24	4-5-6-6 (11)			Medium dense, dark brown, fine to coarse SAND, some silt, trace gravel, trace debris (slate); moist. [FILL]	
	S-5	8 - 10	17 / 24	3-4-4-5 (8)			Top 5" - Dark brown, fine to coarse SAND, some silt, trace gravel, trace debris (slate); moist. [FILL]	
10 *10.9*						SAND	Bottom 12" - Loose, light gray, fine to medium SAND, trace silt; moist.	
	S-6	10 - 12	12 / 24	5-4-4-6 (8)			Loose, light gray, fine to medium SAND, trace silt; moist.	
	S-7	12 - 14	17 / 24	5-5-5-6 (10)			Medium dense, light gray, fine to medium SAND, trace silt; moist.	
15▽ *5.9*								
	S-8	15 - 17	18 / 24	4-4-5-6 (9)			Loose, light gray, fine to medium SAND, trace silt; wet.	
20 *0.9*	S-9	20 - 22	17 / 24	4-2-2-3 (4)			Loose, light gray, fine to medium SAND, trace silt; wet.	
25 *-4.1*								

SAMPLE TYPE

S	Split Spoon
ST	Shelby Tube
AS	Auger/Grab Sample
NQ	2" Rock Core
GP	Geoprobe

GRANULAR SOILS

BLOWS/FT	DENSITY
0-4	Very Loose
4-10	Loose
10-30	Medium Dense
30-50	Dense
>50	Very Dense

COHESIVE SOILS

BLOWS/FT	CONSISTENCY
2	Very Soft
2-4	Soft
4-8	Medium Stiff
8-15	Stiff
15-30	Very Stiff
>30	Hard

SOIL CLASSIFICATION

-y, -ly, -ey	35-50%
some	20-35%
little	10-20%
trace	<10%

ORGANIC SOILS

organic (soil)	15-50%
(soil) with some organics	5-15%

GENERAL NOTES:

1) The stratification lines represent the approximate boundary between soil types; actual transitions may be gradual.

2) Water level readings have been made in the drill holes at the times and conditions stated on the boring log. Fluctuations in the level of groundwater may occur due to other factors than those presented at the time measurements are made.

CLIENT: City of Somerville **PROJECT NAME:** Conway Park

PROJECT NUMBER: 2170709 **PROJECT LOCATION:** Somerville, MA

DEPTH (ft.) *Elevation*	SAMPLE NUMBER	SAMPLE DEPTH (ft.)	RECOVERY / PENETRATION (in.)	BLOW COUNTS (N-Value)	GRAPHIC LOG	STRATA NAME	MATERIAL DESCRIPTION	COMMENTS
25 *-4.1*	S-10	25 - 27	21 / 24	2-5-6-7 (11)		SAND	Loose, light gray, fine to medium SAND, trace silt; wet.	

Bottom of boring at 27 ft. bgs.

SAMPLE TYPE

S	Split Spoon
ST	Shelby Tube
AS	Auger/Grab Sample
NQ	2" Rock Core
GP	Geoprobe

GRANULAR SOILS

BLOWS/FT	DENSITY
0-4	Very Loose
4-10	Loose
10-30	Medium Dense
30-50	Dense
>50	Very Dense

COHESIVE SOILS

BLOWS/FT	CONSISTENCY
2	Very Soft
2-4	Soft
4-8	Medium Stiff
8-15	Stiff
15-30	Very Stiff
>30	Hard

SOIL CLASSIFICATION

-y, -ly, -ey	35-50%
some	20-35%
little	10-20%
trace	<10%

ORGANIC SOILS

organic (soil)	15-50%
(soil) with some organics	5-15%

GENERAL NOTES:

1) The stratification lines represent the approximate boundary between soil types; actual transitions may be gradual.

2) Water level readings have been made in the drill holes at the times and conditions stated on the boring log. Fluctuations in the level of groundwater may occur due to other factors than those presented at the time measurements are made.

BORING NUMBER: **WSE-8**

Weston & Sampson SM

CLIENT: City of Somerville
PROJECT NAME: Conway Park
PROJECT NUMBER: 2170709
PROJECT LOCATION: Somerville, MA

CONTRACTOR: Technical Drilling Services
BORING LOCATION: See Site Plan
FOREMAN: Brett Baylk
GROUND ELEVATION: 20 ft. +/- **DATUM:** NAVD88
LOGGED BY: B. Toner **CHECKED BY:**
DRILLING DATE - START: 11/1/17 **END:** 11/1/17
DRILLING METHOD/CASING DIAMETER: HSA / 4.25 in. I.D.
GROUNDWATER LEVEL AT THE TIME OF DRILLING (Date / Time / Depth):
HAMMER WEIGHT/DROP HEIGHT/SPOON SIZE: 140 lb / 30 in / 2 in O.D.
11/1/2017, 10 ft. +/- (WET SAMPLE.)

DEPTH (ft.) *Elevation*	SAMPLE NUMBER	SAMPLE DEPTH (ft.)	RECOVERY / PENETRATION (in.)	BLOW COUNTS (N-Value)	GRAPHIC LOG	STRATA NAME	MATERIAL DESCRIPTION	COMMENTS
0 *20.0*	S-1	0 - 2	24 / 24	5-8-12-12 (20)		FILL	Top 7" - Topsoil Upper middle 7" - Medium dense, brown, fine to coarse SAND, some silt, little gravel; moist. [FILL] Lower middle 8" - Medium dense, dark brown, Bottom 2" - Dark brown, fine to medium, sandy SILT, trace gravel; moist. [FILL]	At 3.25 ft. bgs: Obstruction encountered during sampling, moved boring 5 ft. east.
	S-2	2 - 3.3	8 / 15	17-11-7/3"			Hard, dark brown, fine to medium sandy SILT, some debris (brick, coal, glass), trace gravel; moist. [FILL]	
5 *15.0*	S-3	4 - 6	6 / 24	4-4-3-3 (7)			Medium stiff, dark brown, fine to medium sandy SILT, some debris (ash, brick, coal), trace gravel; moist. [FILL]	
	S-4	6 - 7.3	8 / 15	3-4-100/3"			Hard, dark brown, fine to medium sandy SILT, some debris (brick, coal, slag), trace gravel; moist. [FILL]	
	S-5	8 - 10	2 / 24	6-4-3-4 (7)			Medium stiff, dark brown, fine to medium sandy SILT, some gravel; moist. [FILL]	
10▽ *10.0*	S-6	10 - 12	2 / 24	4-4-3-3 (7)			Medium stiff, dark brown, fine to medium sandy SILT, trace organics (roots); wet. [FILL]	
	S-7	12 - 14	12 / 24	5-4-4-4 (8)			Top 7" - Medium stiff, dark brown, fine to medium sandy SILT, trace debris (coal), trace organics (roots); wet Petroleum odor [FILL]	
						SAND	Bottom 5" - Gray-brown, fine to medium SAND, little silt, trace gravel; wet.	
15 *5.0*	S-8	14 - 16	18 / 24	4-5-5-6 (10)			Medium dense, gray, fine to coarse SAND, trace silt; wet.	
							Top 5" - Brown, fine to coarse SAND, some silt; wet.	
20 *0.0*	S-9	19 - 21	19 / 24	8-8-10-10 (18)		SILT	Bottom 14" - Very stiff, brown, SILT, trace fine to medium sand; wet.	
						SAND	Medium dense, brown, fine to coarse SAND, trace silt; wet.	
25 *-5.0*			19 /	6-10-6-4				

SAMPLE TYPE

S	Split Spoon
ST	Shelby Tube
AS	Auger/Grab Sample
NQ	2" Rock Core
GP	Geoprobe

GRANULAR SOILS

BLOWS/FT	DENSITY
0-4	Very Loose
4-10	Loose
10-30	Medium Dense
30-50	Dense
>50	Very Dense

COHESIVE SOILS

BLOWS/FT	CONSISTENCY
2	Very Soft
2-4	Soft
4-8	Medium Stiff
8-15	Stiff
15-30	Very Stiff
>30	Hard

SOIL CLASSIFICATION

-y, -ly, -ey	35-50%
some	20-35%
little	10-20%
trace	<10%

ORGANIC SOILS

organic (soil)	15-50%
(soil) with some organics	5-15%

GENERAL NOTES:

1) The stratification lines represent the approximate boundary between soil types; actual transitions may be gradual.

2) Water level readings have been made in the drill holes at the times and conditions stated on the boring log. Fluctuations in the level of groundwater may occur due to other factors than those presented at the time measurements are made.

BORING NUMBER: **WSE-8**

CLIENT: City of Somerville **PROJECT NAME:** Conway Park

PROJECT NUMBER: 2170709 **PROJECT LOCATION:** Somerville, MA

DEPTH (ft.) *Elevation*	SAMPLE NUMBER	SAMPLE DEPTH (ft.)	RECOVERY / PENETRATION (in.)	BLOW COUNTS (N-Value)	GRAPHIC LOG	STRATA NAME	MATERIAL DESCRIPTION	COMMENTS
25 *-5.0*	S-10	24 - 26	24	(16)				

Bottom of boring at 26 ft. bgs

SAMPLE TYPE

S	Split Spoon
ST	Shelby Tube
AS	Auger/Grab Sample
NQ	2" Rock Core
GP	Geoprobe

GRANULAR SOILS

BLOWS/FT	DENSITY
0-4	Very Loose
4-10	Loose
10-30	Medium Dense
30-50	Dense
>50	Very Dense

COHESIVE SOILS

BLOWS/FT	CONSISTENCY
2	Very Soft
2-4	Soft
4-8	Medium Stiff
8-15	Stiff
15-30	Very Stiff
>30	Hard

SOIL CLASSIFICATION

-y, -ly, -ey	35-50%
some	20-35%
little	10-20%
trace	<10%

ORGANIC SOILS

organic (soil)	15-50%
(soil) with some organics	5-15%

GENERAL NOTES:

1) The stratification lines represent the approximate boundary between soil types; actual transitions may be gradual.

2) Water level readings have been made in the drill holes at the times and conditions stated on the boring log. Fluctuations in the level of groundwater may occur due to other factors than those presented at the time measurements are made.

ATTACHMENT B

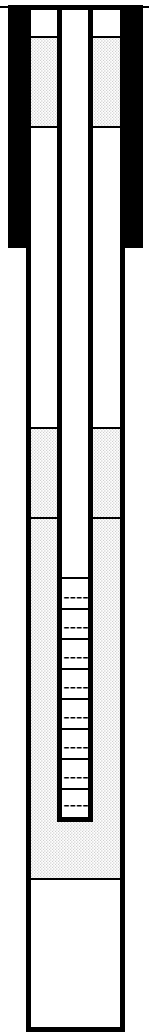
Monitoring Well Construction Logs

GROUNDWATER MONITORING WELL INSTALLATION REPORT

PROJECT NAME/NO.	2180123			**MONITORING WELL NO.**	
LOCATION	Conway Park, Somerville, MA			**MW-101**	
CLIENT	City of Somerville			ELEVATION	
CONTRACTOR	New England Geotech	DRILLER	Maynor	TOP OF PVC	
OBSERVED BY	Taylor Smith	DATE	3/6/18	DEPTH TO GROUNDWATER FROM	
CHECKED BY		DATE		TOP OF PVC	

GROUND ELEVATION

GENERAL SOIL CONDITIONS (NOT TO SCALE)



<---------	FLUSH-MOUNTED ROADBOX	(GROUND SURFACE)
	THICKNESS OF SURFACE SEAL(S)	0.5 Feet
<---------	TYPE OF SURFACE SEAL(S)	Concrete
	TYPE OF SURFACE CASING	Cast Iron/Galvanized Steel
<---------	ID OF SURFACE CASING	6 inches
<---------	DEPTH BOTTOM OF CASING	0.5 feet
	ID OF RISER PIPE	2 inches
<---------	TYPE OF RISER PIPE	Schedule 40 PVC
<---------	TYPE OF BACKFILL AROUND RISER PIPE	#2 Sand
	DEPTH TOP OF SEAL	0.5 feet
<---------	TYPE OF SEAL	Bentonite Chips
	DEPTH BOTTOM OF SEAL/TOP OF SAND COLUMN	1.5 feet
<---------	DEPTH TOP OF SCREEN	5 feet
	TYPE OF SCREEN	Slotted PVC
<---------	SIZE OPENINGS	0.010-inch
	ID OF SCREEN	2 inches
<---------	TYPE OF BACKFILL AROUND SCREEN	#2 Sand
<---------	DEPTH BOTTOM OF SCREEN	15 feet
<---------	DEPTH BOTTOM OF SAND COLUMN	15 feet
<---------	TYPE OF BACKFILL BELOW SCREEN	None
<---------	DIAMETER OF BOREHOLE	3 inches
<---------	DEPTH BOTTOM OF BOREHOLE	15 feet

NOTES:

MONITORING WELL NO.
MW-101

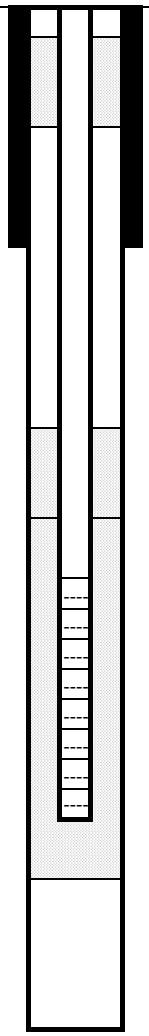
Weston & Sampson

GROUNDWATER MONITORING WELL INSTALLATION REPORT

PROJECT NAME/NO.	2180123			**MONITORING WELL NO.**	
LOCATION	Conway Park, Somerville, MA			**MW-102**	
CLIENT	City of Somerville			ELEVATION	
CONTRACTOR	New England Geotech	DRILLER	Maynor	TOP OF PVC	
OBSERVED BY	Taylor Smith	DATE	3/6/18	DEPTH TO GROUNDWATER FROM	
CHECKED BY		DATE		TOP OF PVC	

GROUND ELEVATION

GENERAL SOIL CONDITIONS (NOT TO SCALE)



<---------	FLUSH-MOUNTED ROADBOX	(GROUND SURFACE)
	THICKNESS OF SURFACE SEAL(S)	0.5 Feet
<---------	TYPE OF SURFACE SEAL(S)	Concrete
	TYPE OF SURFACE CASING	Cast Iron/Galvanized Steel
<---------	ID OF SURFACE CASING	6 inches
<---------	DEPTH BOTTOM OF CASING	0.5 feet
	ID OF RISER PIPE	2 inches
<---------	TYPE OF RISER PIPE	Schedule 40 PVC
<---------	TYPE OF BACKFILL AROUND RISER PIPE	#2 Sand
	DEPTH TOP OF SEAL	0.5 feet
<---------	TYPE OF SEAL	Bentonite Chips
	DEPTH BOTTOM OF SEAL/TOP OF SAND COLUMN	1.5 feet
<---------	DEPTH TOP OF SCREEN	5 feet
	TYPE OF SCREEN	Slotted PVC
<---------	SIZE OPENINGS	0.010-inch
	ID OF SCREEN	2 inches
<---------	TYPE OF BACKFILL AROUND SCREEN	#2 Sand
<---------	DEPTH BOTTOM OF SCREEN	15 feet
<---------	DEPTH BOTTOM OF SAND COLUMN	15 feet
<---------	TYPE OF BACKFILL BELOW SCREEN	None
<---------	DIAMETER OF BOREHOLE	3 inches
<---------	DEPTH BOTTOM OF BOREHOLE	15 feet

NOTES:

MONITORING WELL NO.
MW-102

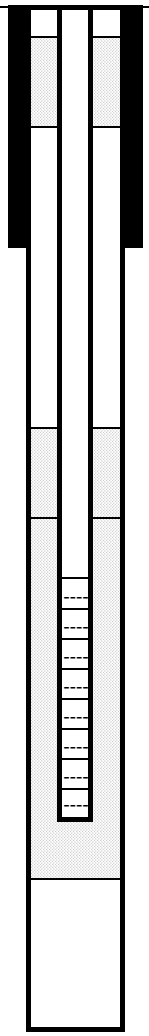
Weston & Sampson

GROUNDWATER MONITORING WELL INSTALLATION REPORT

PROJECT NAME/NO.	2180123			**MONITORING WELL NO.**	
LOCATION	Conway Park, Somerville, MA			**MW-103**	
CLIENT	City of Somerville			ELEVATION	
CONTRACTOR	New England Geotech	DRILLER	Maynor	TOP OF PVC	
OBSERVED BY	Taylor Smith	DATE	3/6/18	DEPTH TO GROUNDWATER FROM	
CHECKED BY		DATE		TOP OF PVC	

GROUND ELEVATION

GENERAL SOIL CONDITIONS (NOT TO SCALE)



<---------	FLUSH-MOUNTED ROADBOX	(GROUND SURFACE)
	THICKNESS OF SURFACE SEAL(S)	0.5 Feet
<---------	TYPE OF SURFACE SEAL(S)	Concrete
	TYPE OF SURFACE CASING	Cast Iron/Galvanized Steel
<---------	ID OF SURFACE CASING	6 inches
<---------	DEPTH BOTTOM OF CASING	0.5 feet
	ID OF RISER PIPE	2 inches
<---------	TYPE OF RISER PIPE	Schedule 40 PVC
<---------	TYPE OF BACKFILL AROUND RISER PIPE	#2 Sand
	DEPTH TOP OF SEAL	0.5 feet
<---------	TYPE OF SEAL	Bentonite Chips
	DEPTH BOTTOM OF SEAL/TOP OF SAND COLUMN	1.5 feet
<---------	DEPTH TOP OF SCREEN	5 feet
	TYPE OF SCREEN	Slotted PVC
<---------	SIZE OPENINGS	0.010-inch
	ID OF SCREEN	2 inches
<---------	TYPE OF BACKFILL AROUND SCREEN	#2 Sand
<---------	DEPTH BOTTOM OF SCREEN	15 feet
<---------	DEPTH BOTTOM OF SAND COLUMN	15 feet
<---------	TYPE OF BACKFILL BELOW SCREEN	None
<---------	DIAMETER OF BOREHOLE	3 inches
<---------	DEPTH BOTTOM OF BOREHOLE	15 feet

NOTES:

MONITORING WELL NO.
MW-103

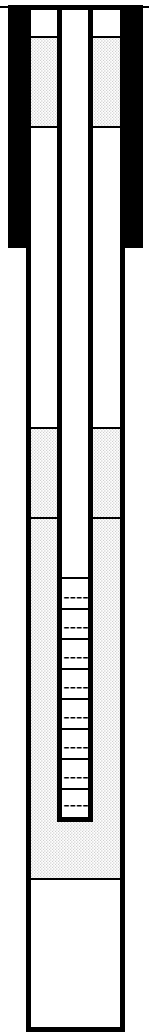
Weston & Sampson

GROUNDWATER MONITORING WELL INSTALLATION REPORT

PROJECT NAME/NO.	2180123			**MONITORING WELL NO.**	
LOCATION	Conway Park, Somerville, MA			**MW-104**	
CLIENT	City of Somerville			ELEVATION	
CONTRACTOR	New England Geotech	DRILLER	Maynor	TOP OF PVC	
OBSERVED BY	Taylor Smith	DATE	3/6/18	DEPTH TO GROUNDWATER FROM	
CHECKED BY		DATE		TOP OF PVC	

GROUND ELEVATION

GENERAL SOIL CONDITIONS (NOT TO SCALE)



<---------	FLUSH-MOUNTED ROADBOX	(GROUND SURFACE)
	THICKNESS OF SURFACE SEAL(S)	0.5 Feet
<---------	TYPE OF SURFACE SEAL(S)	Concrete
	TYPE OF SURFACE CASING	Cast Iron/Galvanized Steel
<---------	ID OF SURFACE CASING	6 inches
<---------	DEPTH BOTTOM OF CASING	0.5 feet
	ID OF RISER PIPE	2 inches
<---------	TYPE OF RISER PIPE	Schedule 40 PVC
<---------	TYPE OF BACKFILL AROUND RISER PIPE	#2 Sand
	DEPTH TOP OF SEAL	0.5 feet
<---------	TYPE OF SEAL	Bentonite Chips
	DEPTH BOTTOM OF SEAL/TOP OF SAND COLUMN	1.5 feet
<---------	DEPTH TOP OF SCREEN	5 feet
	TYPE OF SCREEN	Slotted PVC
<---------	SIZE OPENINGS	0.010-inch
	ID OF SCREEN	2 inches
<---------	TYPE OF BACKFILL AROUND SCREEN	#2 Sand
<---------	DEPTH BOTTOM OF SCREEN	15 feet
<---------	DEPTH BOTTOM OF SAND COLUMN	15 feet
<---------	TYPE OF BACKFILL BELOW SCREEN	None
<---------	DIAMETER OF BOREHOLE	3 inches
<---------	DEPTH BOTTOM OF BOREHOLE	15 feet

NOTES:

MONITORING WELL NO.
MW-104

Weston & Sampson